MARITIME HERITAGE MINNESOTA

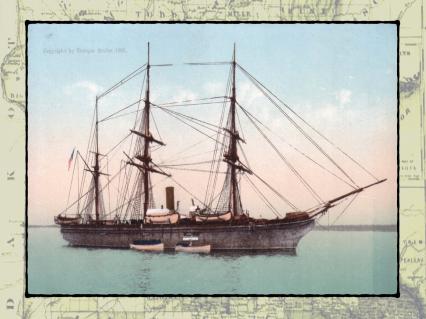
Ann Merriman Christopher Olson

Log Book 34 of the USS Essex

August 1, 1894 - January 31, 1895

The Day-to-Day Operations of Shipbuilder Donald

McKay's Last Ship



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USS Essex Log Book 34

Adams class ship USS Essex (IX-10) was designed and constructed by premier North American shipwright Donald McKay. Her keel was laid down in 1874 and she was launched in 1876. She was a three-decked wooden screw steamer sloop-of-war with auxiliary sail (bark-rigged). She was 185 feet long, 35 feet in the beam, had a 14.25-foot draft, and was 1,375 tons. When commissioned, she carried six big guns, all muzzle loaders: one XI-inch and four IX-inch Dahlgren Naval Artillery guns, and one 60-pound Parrott Rifle The ship's armory carried dozens of small arms including rifles, pistols, revolvers, and cutlasses. Further, she carried a six auxiliary boats including a launch, two cutters, a whale boat, one gig, and a dinghy. The combinations of guns and watercraft carried on board USS Essex could change from log book to log book. She served with the US Navy in active duty and as a training ship with the Ohio Naval Militia, the Illinois Naval Militia, and the Minnesota Naval Militia. She was intentionally burned on Minnesota Point in Lake Superior at Duluth in 1931. Her Minnesota Archaeological Site Number is 21-SL-1030 and she is a National Register of Historic Places Property.

Maritime Heritage Minnesota digitized the 62 known USS Essex log books held at the National Archives in Washington, DC, and at the US Naval Academy in Annapolis in 2010. The log books consist of the daily activities on board the Essex as recorded by deck officers on duty. Those deck notes were then transcribed to be the official log of the Essex that were sent to the Navy Department in Washington, DC, where they were bound into their current book form. At the beginning of most log books, there are: a title page, two list of officers pages, a crew complement page (listing the crew by rank and iob), an armaments page (list of the different large guns, boats, and small arms), and two pages of compass observations. Not all log books contain these pages and some include additional information, including a plan and section of the Essex in Log Books 8 and 9 and four pages of directions on how to fill out log pages in Log Book 21. Sometimes two transcribed versions of log pages were sent to the Navy Department and duplicate books were produced. However, sometimes the duplicate books were not bound with exactly the same pages, so some books overlap each other in date. Also, some log book pages have writing too close to its spine edge and after binding, some words and numbers were 'lost' in the spine if the binding remained tight over the decades. Further, it must be kept in mind that the names of ships, both American and foreign, as well as geographical locations usually expressed in different languages will have variations in spelling. With this in mind, the deck officers of the Essex, when writing the log pages, may misunderstand what the actual name of a ship or geographical marker actually is and their handwriting may present challenges or be nearly illegible. The editing of this log book and the creation of the finding aid was made possible by a generous donation from MHM friend and supporter Dr. Natalie Rosen.

Log Book 34 of the USS Essex: August 1, 1894-January 31, 1895

The National Archives houses USS *Essex* Log Book 34. Throughout Log Book 34, comments were made on:

- sail adjustments with sail type and action specified
- banking of boiler fires in order to put the ship on stand-by for immediate use
- coupling and uncoupling the propellor when the ship was shifting from steam to sail and vice-versa
- when under steam the different watches record the average steam boiler pressure and engine revolutions; sometimes specific boiler are mentioned by their letter designation
- lowering of smokestack and proceeded under sail and vice-versa when the Essex was underway
- when anchored nearly every watch described the state of the anchor cables: crossed ('cross in hawse, stbd chain on top' or 'Elbow in hawse') and often will mention 'clearing the hawse' (the crossed anchor cables were uncrossed)
- casting deep sea lead for soundings
- swinging the ship to test for compass deviation
- patent log readings
- water distillation using the ship's boilers to produce freshwater and refilling the freshwater tanks
- coaling of the ship
- discharging ashes onto a lighter
- weather recording: temperature, wind speed and direction, barometer readings, state of the sea
- recording the ship's behavior (heavy rolling or pitching)
- testing flood cocks in magazine and gun rooms
- testing of all electrical apparatus
- orew conducting ship maintenance: engine maintenance/repair, boiler maintenance/repair, coal bunker maintenance/repair, general ship cleaning, bilge cleaning and checking pumps, scraping and painting and sometimes tarring and caulking the ship's hull and infrastructure, caulking the decks, iron work maintenance/repair, rigging repair/replacement, tarring down rigging, airing of rigging, repairing stays, repairing yards and booms, loosed sails to dry, repairing sails, replacing sails, scraping and slushing spars, scrubbing masts and yards, repairing masts, hawser (mooring lines) maintenance/repair/replacement, condenser bed timber repair/replacement, engine bed timber repair/replacement, steam cutter maintenance/repair, steam/sail launch maintenance/repair, gig maintenance/repair, dinghy maintenance/repair, whale boat maintenance/repair, turned and cleaned hammocks and bedding, painting hammock netting panels, scraping and blacking boat davits, repaired ground tackle, repaired sounding apparatus, scraping out smokepipe, inspected cotton primers, repairing binnacles, repairing waste pipes of magazine and shell room, repairing rail, repaired skylights, repaired awning stanchions, awning

- repair/replacement, repairing air ports, repairing gun ports, repairing water closets, gun carriage/battery maintenance/repair
- ocrew conducting drills: furling and unfurling sails, target practice with the main battery (great guns), target practice with the air gun, floating target practice, boat drills all hands called to arms and away all boats for naval tactics under sail and oars, on shore target practice, general quarters drills, small arms drills, fire drills, single stick drills, revolver drills, torpedo drills, passing powder drills, fuze drills, abandon ship drills, man overboard drills, Gatling gun drills, howitzer drills, skirmishing, battalion drills, machine gun drills, pistol drills, rifle drills, bayonet drills, target practice with targeting hanging from a yardarm, Morse signal drills, landing party drills, navigation drills, man overboard drills, signaling with the flagship, Army and Navy signaling drills, watch signal drills, international signal drills, basic medical training (tourniquets, resuscitation), Marine Guard drill
- Marine Guard drills in the cutter
- cadet/apprentice drills: signaling drills, wig-wag signaling drills
- receiving fresh water from shore through pumps or lighter
- receiving provisions and stores: food, medical supplies, clothing, engineering gear, construction
- Quarterly Board of Survey's findings of condemned articles on board (food, equipment) and their fate (food was usually tossed overboard) from the inventories of the different ship's departments (Ordnance, Engineering, Navigation, Equipment, Medical, Pay)
- crew promotions
- crew quarters inspection
- liberty parties sent ashore
- crew members are discharged at their own request (DOR)
- lists of new crew members recruits or transfers from other ships- taken on board during a cruise
- crew transfers to other ships
- o crew reporting the expiration of their contracted naval service
- crew members in solitary confinement or other punishments for various infractions, AWOL crew, general and summary court martial proceedings, AWOL crew put in irons
- rewards offered for the return of AWOL crewmen
- weekly Sunday services; after the services, once a month, the Articles for Better Government of the Navy were read to the crew

NOTE: The Essex deck officers who recorded the daily happenings on the ship often translated the names of non-American ships incorrectly. MHM determined the correct spellings of the ships and those corrections are reflected in the Finding Aid, not the poorly transliterated ship names.

At the beginning of Log Book 34, on August 1, 1894, the USS Essex was enroute from Newport, RI to Southampton, England. Routine daily drills and activities were recorded in the log, including the spotting of a big school of porpoises, a bark showing her green side light (starboard), and the ship passed several steamers and sailing vessels.

Approaching Europe on August 21, the crew spotted Wolf Light and encountered an increased number of ships. On August 22, *Essex* moved through fog, took soundings every half hour, and used the fog whistle; during the nigh watch, the crew sighted Portland Bill. *Essex* stood into Southampton the next day and exchanged colors with the lightship. Once docked on August 24, Commander Kingsley, Lt. Commander Wise, Lt. Carpenter, and Lt. Purcell visited the Flagship of the European Station, USS *Chicago*. Rear Admiral Eilen of the United States Navy paid an official visit to *Essex*, and then the Commanding Officer of Chicago and the US Consul visited the ship. The crew, apprentices, and officers also took liberty on shore. On August 30, the CO visited HMS *Australia* while the crew conducted boat exercises, and the American Line Steamer *Berlin* passed by during the night, heading into Southampton.

On September 1, the crew readied the USS Essex for departure, exchanged signals with USS Chicago, and received transferred men from the flagship. The apprentices lined up on deck and saluted HMS Australia. The next day, an English pilot steamed the ship out of the Southampton area; the ship passed Point/Cape Fagnet Light and stood into La Harve, Normandy, anchoring in Bassin de l'Eure. During the week in France, liberty parties went ashore, the ship took on supplies, a list of AWOL crew was compiled, those returning late from leave were punished, the Deputy Captain of the Port, and the Mayor and Prefect of La Havre visited Essex. After coaling, Essex left France on September 8 and arrived back in Southampton Waters under control of pilot; the ship anchored, exchanged salutes with the American liner New York, passed Portland Bill and passed Eddystone Light at midnight on September 9. During the second half of September, Essex's crew performed routine duties and drills; the log recorded the sightings of several vessels including a Danish bark, German Barque, British barkentine, a Spanish hermaphrodite brig, and other sailing ships. On September 27, Essex anchored in Funchal, Madeira, exchanging colors with an outbound English steamer, and conducted required pleasantries with the health officer and US Consul. The next day, Commander Kingsley attended special services in honor of the Queen of Portugal's birthday; the Captain of the Port. The ship completed her re-supply including coaling and watering - the crew and apprentices returned from liberty, the CO offered and paid out a reward to the Chief of Police for the return of 2 AWOL seaman, the Governor's Secretary visited the ship, and Essex left Funchal on September 30.

Essex spent the month of October traveling from Madeira to Yorktown, VA. Along the way, the crew and apprentices conducted drills using rifles and guns, practiced seamanship drills, and took fire quarters drills; their quarters were inspected, resulting in blanket scrubbing. On October 31, the English steamer Clandeboye stopped astern on her way from the Canary Islands to Galveston, TX; Essex's whale boat was sent to meet her to transfer ship's mail for delivery to Texas.

During the first half of November, Essex kept traveling toward Virginia, conducting practice and drills along the way. The ship passed the 3-masted schooner Clara J. Wilson out of Dorchester, England, exchanged colors with a Norwegian schooner, and was underway using both steam and sail when Essex felt the influence of the Gulf Stream early in the morning of November 9; she anchored in the York River on

November 11. The crew rigged the steam launch for port and hoisted her off the ship. Throughout the rest of the month, the crew and apprentices blackened the ship, took the ship's boats ashore for scrubbing, took liberty, and conducted target practice. On November 23, the crew swung the ship using the kedge anchor that brought the port guns to bear in target directions. Court martial proceedings also took place, the ship was provisioned several times, and the steam launch was used for ship's business in Hampton Roads. On November 27-28, Commander R. B. Bradford of the United States Navy came on board to inspect *Essex* on orders from the Secretary of the Navy; the apprentices and crew performs several drills for the commander; he questioned some of the apprentices. On November 29, Essex raised anchor and headed toward the Norfolk Navy Yard - exchanged numbers with USRS *Franklin* - and moored alongside the Navy Yard sea wall. Once secured, several Essex crewmen were transferred to the Navy Hospital. Stores were received and Yard Construction and Engineering Department members came on board to hold surveys and arrange needed repairs.

During the first half of December, Essex remained at the Norfolk Navy Yard undergoing maintenance, repairs, and inspections, receiving stores, loading coal, replenishing water supplies, and taking on board pine, ash, and cypress to be used when needed. Essex's crew and apprentices took instruction on board USS Texas, crewmen visited USS Marblehead, crewman were transferred from USRS Franklin, Ensign Evans detached and was sent to USS Castine, another ensign detached and set out to report to USS Thetis in San Diego, another crewman was received on board from USS Atlanta on his way to USRS Vermont, and a court martial took place. On December 7, Marblehead entered the Navy Yard firing a 13-gun salute; it was answered by Franklin's 7 guns. The apprentices continued weapons exercises into mid-December, and the crew painted the yards and masts. Essex was warped into dry dock on December 15 and all hands sent to clean and scrape her bottom; she left dry dock on December 17. During the last half of December, ship maintenance continued - particularly in the Engineering Department stores were stowed, and crewmen were exchanged between Essex, Atlanta, and Marblehead. USS Essex got underway on December 27 with the aid of tug and lines on shore; she stood down the Elizabeth River under steam. She passed Thimble, Cape Charles, and Cape Henry Lights, and set her sails. During the next 3 days, Essex passed the the Winter Quarter and Fenwick Island Shoal Lightships, Five Fathom Lightship, Highland Lights, Fire Island Light, and the Sandy Hook Lightship. On December 30, Essex burned a blue 'pilot requested' light and by mid-morning, she stood in New York Harbor under pilot control through Swash Channel, exchanged signals with USRS Vermont, moored alongside the Cobb Dock at the New York Navy Yard, and exchanged signals with the outbound USS San Francisco. On the last day of December, apprentices were transferred to and seaman received from Vermont, crew were transferred to the United States Naval Hospital, and Commander of the North Atlantic Squadron Rear Admiral Richard Meade III's flag was raised on USS New York; the Cobb Dock battery fired a 13-gun salute that was answered by New York's 11 guns.

On January 1, 1895, Commander Kingsley left USS Essex for 5 days of leave. For the next 10 days, the log described actions at the Navy Yard and on board the ship in preparation for leaving the Yard. USS Portsmouth shifted her berth to the wharf above

the battleship USS Maine and USS Castine arrived at the Yard, 12 men were transferred to USRS Vermont, and one man was transferred to Essex. The crew brought stores on board, received fresh water, painted the berth deck, and. On January 8. the Navy Tugs Nina and Narketa assisted Essex for getting underway on January 11. Narketa and a pilot maneuvered the ship to stand up the East River, passing through Hell Gate, and passing Stepping Stone Light (stopping at Execution Rock to drop off the pilot) and Stratford Shoal Light, into Long Island Sound, and spotting Plum Island Light. The next day, Essex arrived outside the Newport Naval Yard in Newport, RI, mooring to a buoy off of Goat Island; the ship exchanged signals with USS Constellation as she passed by heading toward Newport. Commander Kingslev paid an official visit to the New York Naval Station, the ship received a new Paymaster, the old Paymster transferred to USS Mohican, a Machinist was received from USS Minneapolis, and crew promotions were posted. Fresh provisions were brought on board, Essex exchanged signals with Constellation, and Essex left Newport on January 17. For the next 2 days. heading for Barbados, West Indies, the ship experienced rough seas that carried away the 1st cutter and the gig from the ship's deck; heavy rollers continued until the afternoon of January 21. Until the end of the month, the Gunner's Gang repaired and overhauled equipment, the crew mustered at quarters and with calmer seas, practiced ship handling under various sail configurations.

Tags:

sloop-of-war USS Essex, sloop-of-war USS Constellation, Flagship of the European Station, USS Chicago, HMS Australia, American Line Steamer Berlin, American liner New York, English steamer Clandeboye, USRS Franklin, USS Texas, USS Marblehead, USS Castine, USS Thetis, USS Atlanta, USRS Vermont, USS San Francisco, USS Portsmouth, USS Maine, USS Mohican, USS Minneapolis, United States Training Squadron, New York Navy Yard, Norfolk Navy Yard, Naval Station Newport, Elizabeth River, York River, apprentice training, ship drills, ship maintenance





USRS Franklin





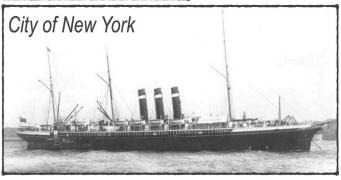


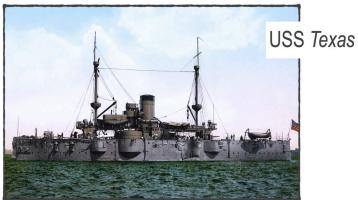


USS Atlanta



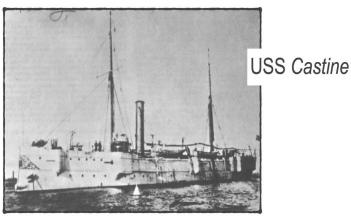
City of Berlin



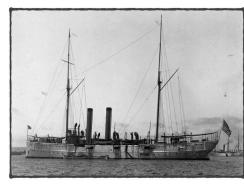


USRS Vermont



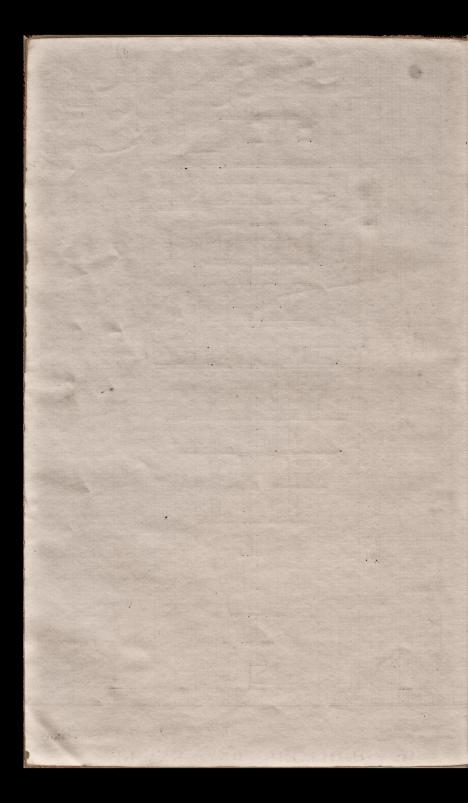


USS Texas









LOG BOOK

OF THE

C
U. S. S Ossex
Third Rate,
of Six Guns,
COMMANDED BY
Commander Louis Kingsley, U. S. Navy
Commander Louis Kingsley, U. S. Navy Attached to Training Squadron,
Commencing August 1, 1894,
Commencing August 1, 1894, at season Lat 41° 34 Long 48° 41' %
and ending January 31, 1895,
at sea in Lat 27° 53' A Long 51° 51 %

BUREAU OF EQUIPMENT
NAVY DEPARTMENT.
1891.

LIST OF OFFICERS

Attached to and on board of the U. S. S Essex 3rd Rate

, commanded by

Commander Louis Kingsley from August 124

, U. S. N., during the period covered by this Log-Book,

, 1894, to January 31st , 1895. RANK. RANK. Kingsley Louis. Mist Dredenick & Commander Tient Commander Lieutenant Mangator milton John B. Caperton William B. Lieutenant Lieutenant Jo Grade Lieutenant Jr. Grade. Clark, George R. Gurcell, John L. Evans, George R. Evleman Ivoah D. Ensign. Gueign. Taylor Montgomery Mr. Kalaghuk Coniad J Fitte Leury B. Licke Thomas H. Ensign. Chief Engineer. Passed asit Surgen Passed ass's Paymaster. Paymaster's Clerk Firsthgate, George J. Whithley Or Gliam B. Tisdald, Robert D. Lieutewant, Jr. Grade Ensign Assistant Paymaeter Paymaeteis Clerk. Ramsay Martin On Waldman William 6.

Examined and found to be correct

. B. Me iller, Sentenant Ch & R. Navigator.

LIST OF OFFICERS

Who have died, been detached, or transferred, on board the U. S. S. S. S. S. Rate, commanded by Cammanda Toris Kingsley, U. S. N., during the period covered by this Log-Book, from August 1et 1895.

	Log-Book, from Uu	gust 1er , 18	94, to January 21: , 1895.
	NAME.	RANK.	TIME OF OCCURRENCE AND PARTICULARS.
	Caputm, William B. Evans, George B. Taylor, Chontgoney M. Licke Thomas B. Swithgate, George D.	Lintenant Ensign	Detacked Georgetic 16.1894. Granted the mouths leave
	Taylor, Montgomen, M.	Eusign	Detached December 6, 1894, Ordered to W. F.G. Cestrai. Detached, December, 13, 1894 Ordered to W. G. F. Phitic
	Licke Thomas & Swellaate George D.	Passed Asst. Paymeester Paymasteris Clerk.	Detached James 14, 1996 Ordend to the di II Noberan Opportunit resorded in Jan is 1855 Raggented Dumastic Gene 49 the On I I Michigan , and proceeded to that occal in Jan 15-1894
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The last			

Examined and found to be correct.

J. B. Me illow, Juitenant & J. G. Navigator.

complement of Petty Officers, Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of the U. S. S. Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of the U. S. S. Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of the U. S. S. Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of the U. S. S. Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of the U. S. S. Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of the U. S. S. Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of the U. S. S. Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of the U. S. S. Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of the U. S. Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of the U. S. Seamen, Ordinary S

- 1894

	January 31	- 189	4.			
NUMBER ALLOWED.	RATES.	NUMBER ON BOARD.	NUMBER ALLOWED.	RATES.	NUMBER ON BOARD.	
1	Chief Boatswain's Mate,		/	Cabin Steward,	,	
2 8	Boatswain's Mates 1 of class	3 7	/	Cabin Cook,	,	
	Seamen Gunners,		,	Ward-room Steward,	,	
1	Chief Gunner's Mate,		/	Ward-room Cook,		
1	Gunner's Mates, 1st class			Steerage Stewards,		
1	Chief Quartermaster,	-		Steerage Cooks,		
1	Quartermasters, 1st Class	,		Warrant Officer's Steward,		
6	Coxswains, Questienwanter madelner Companie of Forecastie, Captains of Fore Captains of Fore Captains of Fore Captains of Atterpant, Captains of Atterpant, Captains of Atterpant,	6	,	Warrant Officer's Cook,	6	
1	Captains of Forecastle, Quartermasters 3rd class		6	Seamen,		
1	Captains of Tops, Summers Instes 2nd class		2 4	Ordinary Scamen, apprentice 14 dass	8	
1	Captains of Afterguard,	1	* 7.	Landsmen,	6	
. /	Quarter-Gunners, Inates 3. class	/	6	Boys, new attendants	* 107	-
/	Carpenter's Mates,	,	/08	Apprentices,		
1	Sailmaker's Mates, 6 aspenters muttes 3rd class		2	Machinists,	1	
1	Armorer,			Boiler Makers,		ı
/	Captains of Hold, Geaman assigned	/	7	Water Tenders, Coppersmith		
1,	Ship's Cook, 1th Clase Ship's Corporals, book 4th clase.		2			
* 2			4	First-class Firemen,		ı
/	Lamp-lighter, Lands assigned		,	Second-class Firemen,		ì
1	Carpenters and Calkers, Physicinghte	1	4	Coal Heavers,		ı
1	Baymen,	/		Total,		ı
1	Master-at-Arms, 3rd blaw	1				ı
,	Apothecary,					ı
1	Ship's Yeoman,	1				١
1		/				ı
/	Engineer's Yeoman,					ı
	Schoolmaster,					İ
	Ship's Writers 1st blaw			ADDITIONAL FOR FLAGSHIP.		i
1sd	Ship's Tailor, Huter 2nd class was Side w Side	1		Master of the Band,		-
.,	⊌Ship's Barber,	/		Chief Musician,		-
1	Painter,			First-class Musicians,		1
/	Bugler, Jack of the Dust, Laudeman			Second-class Musicians,		-
1		1		Printer,		
/	Blacksmith,			Steward to Commander-in-chief,		-
				Cook to do.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-
	0			Coxswain to do.		
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				Landsmen to do.		
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	Orenzant, R. J. July 9.1894			Received at Preupert, Q. J. Fel. 28.	visite it	
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						f

Examined and found to be correct.

U.S.S Essex 3rd Rate

Description of Instruments used for Meteorological Observations, their Location, &c.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COM- PARISON.	COMPARED WITH-	ERROR.
MERCURIAL BAROMETER.	Henry J. Green	3404	Calin bulkhead.	January 10, 109	s- Standard, Okary Yard, Oken Yok.	0°04' high
ANEROID BAROMETER.	No makers name guru Marked Holstine & I. G.	None	In cabiu.	Jan. 5. 1893.	Standard Lilm Portugal	0-00
THERMOMETER, (Dry Bulb.)	Lewy J. Green	6197	Fire Office	Jan. 5. 1893	Standard Sistra, Portugal.	0°02' low.
THERMOMETER, (Wet Bulb.) (Psychrometer.)	Hany J. Green	6198	Forward Bulkerl Of Writeri Officer	Jan. 5.1893	Standard Girlm, Portugal.	0°-03' low.

Examined and found to be correct.

4-965

J. B. Moillen, Lintenant D. J. Navigator.

ARMAMENT Casex 3rd Rate

Of the U.S.S

PRIMARY.

	CAL	MARK.	DESCRIPTION.	CARTR	IDGE.	PROJEC	TILES.	CARRIAGES.	REMARKS.		
NO. OF GUNS.	CAL	MARK.	DESCRIPTION.	POWDER.	WEIGHT.	KIND.	WEIGHT.	CARMAGES.	REMARKO.		
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SECONDARY.

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BOAT ARMAMENT.

Two 1 Pdr. Lage Stands No. 71 and 73 for brate.

SMALL ARMS.

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Examined and found to be correct.

J. B. Me Mon, Lieutewant U. S. Navigator.

TABLES of Deviation of the Standard Compass No. 1162 on board the U.S.S Sslex 3th Rate.

DATE: Jeb. 26 1894						
PLACE OF OBSERVATION:	atrea					
T. PERUDE:	36° 55' 31" N.					
LONGITUDE:	76 00 32" 04					
OBSERVED VARIATION:	3 º 26 %.					
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	3°30' 6.					
	5°-10' 6					
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	5-19'6.					
E. by N.	4 - 20' 8					
EAST.	4-28' 6.					
	2°-53'6					
	2°35' 6.					
	1-46 6.					
	1°-34' 6					
	35' 6					
S. S. E.	14' Oh.					
S. by E.						
SOUTH.	25 6 2					
8. by W.						
8. S. W.	.53' %2					
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N. W.	3-11 'Ok.					Carrie and and
	2-23' OV.					10 10 10 10 10 10 10 10 10 10 10 10 10 1
N. N. W.	1=22'01.					
N. by W.	.37' 04.					

Examined and found to be correct.

Sentenant (300 Navigator.

LOG of the UNITED STATES Ship Essex Third Rate,
Making peassage from Cheurport R. J. to Southamiston England

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.			Hear the.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	COURSES STEERED by Standard Compass. Direction by Standard Compass.		Height in inches.	Ther.	Air, Dry Ballb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se		
A. M.																	
1	3	4	81.1	6.12 St.	9. by 9.	3	5	0	30.36	75	75	73	72	b.c.m.w.	cum.	9	9
2	2	8	83.9		0	3	5	0	30.36	75	75	73	72	b.m.w.	nine	10	-
3	2	8	86.7			3	5	0	30.35	75	75	73	72			10	
4	3	3	90.0	n		3	5	0	30.35	75	74	73	71	b.c.m.w.	cum.	6	-
5	2	8	92.6		W. 9 W.	3	0	0	30.34	75	74	72	71	b.c.m.	cir.cum.	4	
6	3	0	95.6			3	0	0	30.34	75	74	72	71			6	
7	3	5	99.1	. "		3	0	0	30.35	75	74	72	73	b.c.	cum ound	1	
8	3	7	2.8		9%.	3	0	0	30.35	76	75	73	73		cum.	8	
9	4	6	7.3			3.4	0	0	30.35	77	75	73	73			8	
10	5	8	13.2			3.4	0	0	30.36	77	75	73	73			6	
11	6	0	19.2			4	0	0	30.36	77	75	73	75		-	4	
Noon		5	21/4		*	4	0	0	30.36	78	7/2	74	75			4	

94. 7 Distance run by Patent Log.	
Course and distance made good since preceding noon by observations, I & by & 146.	97 knots. tenths.
(Latitude by D. R.	42014111
Longitude by D. R.	46050.94."
Position at Noon: Latitude by D. R. Latitude by observations of ②	42 020 1 1 "
Longitude by chronometer from Forenoon Observations of O	46050 , 94 "
Position at 8 A.M. Langitude by & Stepwatton	42009.1."
Position at 8 A. M. Longitude by observation	47013 194. "
(Latitude by D. R. from Now	47013 12 "
Position at S. P. M. { Latitude by D. B. front Norm (oftenom) observation 0	45.53.94."
Current during the time, 6 knots tenths per hour, setting to the Startle	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , "	0 / //
Water expended during the preceding 24 hours,	350 gallons.
Water distilled during the preceding 24 hours,	688 "
Water remaining on hand fit for use at Noon,	1372 "
Coal consumed during the preceding 24 hours,	/ tons 760 lbs.
Coal remaining on hand at Noon,	74 " 400 '

P. M	-																	
1		5	5	30.2	6.12 M	J 94. by 94.	4	0	0	30.37	78	77	74	75	b.c.	cir.cum.	5	of
2		5	5	35.7		a mag m	4	0		30.37						nimb.	5	
3		5	6	41.3		f. W.	4	0		30.36							5	
4		5	8	47.1			4	0	0	30.36	78	77	74	76	-	cir . um.	5	-
5		5	5	52.6		991.ly 94.	4	0	0	30.36	78	78	75	76			8	
6		5	0	57.6		- "	4	0	0	30.35	77	76	74	76			7	
7		5	,	63.5			4.5	0	0	30.34	76	76	74	76	-		5	
8		6		69.5		-	4.5			30.34							5	-
9			5	76.0		•	4.5	4		30.33						cum.	7	-
		1	2	83.2	*		4-5			30.32					-		6	
Mid		1	6	90.8		;	4-5	4		30.31							8	
2110		1	1	98.5			4-3	4	0	30.31	11	10	14	10				
-	CI	1	8					-			-	-	0202722		-			

under the command of

Commander Louis Kingsley Orednesday, august 121

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a M. Senerally clear and damp, with have around horizon Gentle breezes from the by 3. Thip on her course & in b. (pe) under all plain sail to royals except flying jet, standard clear of mamsail and aparker apprentices at the wheel Divilling with banked frie under boiler B.

Dune 4 to 8 a. On.

Lieutenant U. S. Ok.

Sentle breeze from Oh I Oh. and III. blondy and misty during part of watch cleaning last how. Smooth ala. Let studding sail at 4.30, and epanker at 7.50. At end of watch on course 6 12 h. per Francaid, under studding sail and plain sail to royals except flying jet, and wrather clew of mainsail. Distilling with banked frier under brite B. apprentices at the Geor Rollank

From 8 a. M. to Merid.

Clear Gentle to moderate breeze from 994 At 9.30 mustred at quarters. Exercised all the apprentices at briding and unbriding royals and sending down royal years; also in practical seamanly from 9.30 until 10.45, then the watch blow had madinepethe reasonably until 11.45 At \$ 05 est main and mizzur topmant staysails At 9 20 est weather cleve of mainsails and flying jet. At end of watch under studening sail and all sails except main trypails and gaff topsails. Commu 6 12 N. Dictilling with banked fries under boiler B. Apprentices at the while Temperature of magazine 81° 81° forward, 80° 80° aft.

From Merid to 4 4 Mm

Lieutewant U.S. OK.

Fine wrother. Moderate breyer from FD. by O. and FD. Barometer about strady. On course E/2 N. Queder all plain said to wysler title four topmast staysail and lower studding said. At about 100 hauled down main and muzzer topmast staysails. Upprostress engaged in ornhauling clother Distilling with free banked under boler B. appendices at the wheel I mooth sea.

Own 4 to 8 P. M.

Senge R. Coms, Eusign U.S.W.

Partly cloudy and pleasant. Moderate to stiff been from St. by M. Barometer falling alightly. At 7.10 called all bounds neef topeacles and made said to doubte neefed topeacles in I muniter 10 seconds, then made earl to royals. at 6.50 took in low studding sail and hoisted main congris topman staypails at end of watch under all plane sail to royal and all topman staysails and

muzze topial on conse & 12 d. appentice at the wheel. Detilling inthe five banked under biles B. Drom & P. M. to Wild.

Drom & P. M. to Wild.

Demally clear and damp. Producte to stiff begue from P. N. by N. Ship on her conse & 12 N. (pc) under for, main and muzze topmast staypalls and all plans sail to royale.

Apprentice at the wheel. Distilling with free banked under bother B.

W. & Caperfor.

Will aperton; In Dientenant Qu. J. Dr.

Examined and found to be correct.

J. B. Milton Lieutenant DIGA Navigator

LOG of the UNITED STATES Ship Essex Third Rate, Making passage from Recoport P. I. to Southampton, England A. M. 72 0 30.31 77 76 74 75 b.c.w. cum. 9 6.7 6 4 5 0 30.31 77 76 74 75 14.7 0 30.30 79 75 73 76 5 2 229 5 6 0 30.30 76 74 72 75 5 5 31.4 4 39.8 3 0 30.30 77 75 72 75 be. 6 0 30.2977 75 72 75 0 47.8 5 0 30.28 76 75 72 75 7 6 55.4 7 5 0 30.27 75 74 72 75 0 62.4 5 5 0 30.29 75 76 73 70 5 6 9 69.3 6 7 2 76.5 0 30.29 75 75 72 71 10 4.5 5 0 30.29 75 74 71 69 . 5 5 82.0 0 30.29 74 74 71 69 Noon. 6 9 88.9

163. 2 Distance run by Patent Log

Course and distance made good since preceding noon by observations, NE. by & 986. 170 knots. (Latitude by D. R. Longitude by D. R. Position at Noon: Latitude by observations of O

Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by Q M. from Noom/ Longitude by Observation 0

Position at 8 P. M. (Latitude by D. R. Jan) Noon to afternow obscuration to londy.

Current during the time, 12 knots tenths per hour, setting to the East Deviation of the Compass by Azimuth @ observed at 7.20 and, ship's head 6/4 M Deviation of the Compass by Azimuth O observed at 7.20 a.m.,

Water expended during the preceding 24 hours,

during the preceding 24 hours, Water distilled Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

40	009.00.	
43	020,04.	ıı .
	·27 ' N.	
43	050.01.	"
43	05911	"
42	017.04.	"
	,	
21	0.12101	

4 . 21 ' & " Var. used 27 00 %. 350 gallons.

730 1752 "
1 tons 760 lbs.

75" 1380 .

43 040 1 1. "

43 037 194."

P. M.															cir.cum		
1	7	1	96.0	Gast.	PO1.	5.6	5-6	0	30.29	74	74	71	69	be.	cum.	5	A.
2	7	2	3.2			5.6	5.6	0	30.28	73	74	71	69			4	
3	j	4	10.6			5-6	5-6	0	30.27	73	73	70	69			4	
4	7	0	17.6			5.6	5-6	0	30.26	73	73	70	69			4	
5	6	4	24.0			5-6	5-6	0	30.25	73	73	70	69			4	
6	5	9	29.9		Ofest	3.4	6-8	0	30.26	74	73	71	72	0.0.0.	cum wint	0	-
7	4	2	34.1			3-4	5.6	0	30.27	73	72	71	72	b.c.N.	atras.	1	,
8	4	0	38.1			3	5.6							b.c.d.m.		5	
9	3	8	42.1	,	1. 94. by N.	3	4-5	0	30.30	72	72	70	72	be.m.		4	
	3		45.9	**		3	4.5	0	30,31	72	72	70	71			4	
			48.5			3	4.5	0	30.31	71	71	69	71		-	4	
Mid.	3	1	51.6		Sorth	3	3.4	0	30.32	71	71	69	71		,	4	-
																	:

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 C. Cm Parthy cloudy. Moderate following ara. Ou could E. In M. per Randard, under fore, main and myses topmast staysals and plain sail to royals except a single neef in the mainsail. Distilling with five banked under boiler B. appendices at the wheel.

From 4 to 8 a. M. Lieutewant Cl. J. M. Clear. Stiff to fresh breeze from FON by Oh. Moderate following sear Course Elv. at 4 40 took in royale, flying jib and main topmant staysail and at 7. 40 set them again. At end of watch ship under same vail as in preveding watch. Distilling with banked him whole fires under boiler B. apprentices at the wheel.

Oum 8 a. M. to Merid.

For Lieutewart Ch. F. Ch.

In weather. Moderate to stiff breezes from SN by W. Barometer steady at 30.29.
Choderate long era. Concer 6 h N. Quadre all plain sail to royals lesept single reef in malusail, rates under four topmash staypail main and mayor topmash staypails. On 9.30 muitered at quarters, after which had directed grow drill. Instructed live apprentices of the world in deek via the compass. The following acting appointments were reversely for new months by the laptain, vy: a l. B. Brown B. M. 2.cl.; E. D. Hickor Dr. Ger. 1cl.; J. N. Johnson Yee; James Turney Yeo.; and b. B. Clementen Cox. Apprentices at the whall At Grendian changed content to Gast. Demperature of magazines 81°81° forward, 80°80° aft.

Distilling with five banked under later 18. Onsign U. J. W. From Therid to 4 99m.

change to 5.40.

Sel main tripail From 115 to 2.15 exercised which breen from FOR Barometer falling At 10 clock set main tripail From 115 to 2.15 exercised which we deed in knotting and splicing and instructed them in colopse and below From 1.30 to 3.15 dilled 12 being any at Infanty. At 3.30 called away all boats away and Equipped for cutting ont and at 3.50 secured and orcharded to the breeze At end of watch under all plain each to watch and all topmach staysails, may tryout and miner breeze in come East. Apputition at the what By order of Commonding Officer, the licting appointments unce remarked for 6 muncher from lag. It Boaten B. M. John B. M. vel. I flow F. Mate. J. E. Frenzen ble Grate; and J. J. Gille M. at A. 3.4 cl. Acting appointment as Phility I class, was counted to J. E. Elseworth from July 12, 1894 Distilling with free braked under both B. y. S. Elseworth from July 12. 1894. Distilling with frew backed under boler B. n. J. Colsman.

Oum 4 to 8 P.M.

Greign U. J.W.

Clady with rain last two hours of watch. Itiff to fresh breze from III, evering to Weel at 5.30 in a nain equal and to D. 19. A last how. A 5.15 took in and fuled royals and bauled daw and stand flying jit, then took in and mujew topmast staysails might topsail, main typical and spanker, at 6.10 habited up mainsail. At 7.10 took in topgallant sails, me ref in topsails and thus shook on sufe and made sail to topgallant sails dand dawn four topmast staysail. At each while a hij on the come East (pc) under all plain sail to topgallant sails, except manuail and spanker appointing when whell Distilling with backed frier under briler B.

From 8 J.M. to Onia

Settle breey from N. V. by A. and North bloody and dance the manisail single neefed and aparter at 8.30 and the main and migger topment at 10.00. At end of watch or course East, per Plandad, under main Examined and round to be correct and migger topment stay and plan sail to top gallant soils except a single neef in maineaut. Distilling with free banked under briles B. appointness at the while.

he Rolance Lieutenant Cl. S. W.

J. B. Millon

Lieutenant Ole . S. Ok. . Changator:

LOG of the UNITED STATES Ship Essex. Third Rate, Making grassage from Precuport R. I. to Southampton England.

		-0	Reading		WIND.				BAROME				TURE.	State of	Forms of	Clear Oths.	be Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Sea
A. M.																	
1	3	9	55.5	East.	No by 8.	3	4	0	30.33	70	70	69	72	bew.	cum sinel		8
2		0	585			3	4	0	30.33	70	70	69	72			1	
3	4	0	62.5			3	5	0	30.33	70	70	69	72	b.c.	cum.	6	٠.
4	2	3	67.3	6.5/4 g.		3	5	0	30.33	70	70	69	72	"	cum strat	7	
5			71.5	6.96.3/46.	1.16.	3	4		30.34							4	
6	3	8	75.3	0 0 - 1 0		3	3		30.36					"	1	2	-
7	3	2	78.5	6.96/26.		3	3		3036					•	1	4	
8	2	0	80 -5	E. by 9.	North	2.3	3		30.37						1.	5	
9	2	0	82.0	East	I. by 6.	3	2	,	30.40					*	cer. cum		-
10	1	4	83.4	6/29.		2	2	1	30.42	,	,		1			4	ì
11	0	5	83.4	6 by 9.		1	2	,	30.42	1	,		1		cum sunt	,	-
Noon.	0	5	83.4	96.	16.	0-/	0	1/2	30.42	71	70	65	75		cir.cum		

95. 3 Distance run by Patent Log. Course and distance made good since preceding noon by observations, A & ly & 100 knots. 44 º 11 ' N." (Latitude by D. R. 41016 194." Longitude by D. R. Position at Noon: { 44 ° 30 'Sv. " Latitude by observations of O Longitude by chronometer from Forenoon Observations of ② 41 0 15 '04." Position at 8 A. M. { Latitude by D. R. from Norm/ Longitude by Observation 44 ° 29' N. " 41 0 22' 94." Position at S.P. M. Langitude by Bluvarmeter from afternoon observation o Current during the time, 19 knots tenths perhour, setting to the Gorth 44° 36' N." 40°51' W." Deviation of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at 36 5 gallons Water expended during the preceding 24 hours, 738 Water distilled during the preceding 24 hours, 2125 Water remaining on hand fit for use at Noon, / tons 360 lbs. Coal consumed during the preceding 24 hours, 74 "1220 " Coal remaining on hand at Noon,

P. M.																	
	0	4	Hauled in	. \$6. by 9.	16. ly 6.	0-1	0	0	30.42	73	72	66	76	b.c.	cur cum.	3	9
2	0	5		. 8	. 0	0-1	0		30.40							2	
				No steerageway	balm	0	0		30.40							2	
		0		"		0	0	0	30.38	73	71	65	75				
				16. ly 6.	ge.	2	0	0	30.38	73	71	65	75		.,	4	
6	1	5		*		2	0	1/2	30.38	73	71	65	75	-	-	4	
			84.1	16. ly 6/26.	98. by 9.	2	0	1/2	30.38	72	70	64	75		-	2	-
8	3	0	87.4		,	3	0		30.38							1	
9	2	7	89.8	6.46/46.		3	2	1/2	30.39	72	70	65	75		cum muil		
10	3	0	92.6	6.48.126.	9.98.	3	3	1/2	30.39	72	70	65	75	4	cir cum		
			96.8	& by N		3-4	3	1/2	30.38	72	70	65	73				
Mid.	3	0	99.4	East le North	9. ly E.	2-3	2	1/2	30.37	72	70	65	73	,		9	

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to A Q M.

Cloudy to clear Overcast first how. Gentle breeze from N by E and
N. N. E. at 12 10 at fow topombet staysail. at 2.45 art regals flying jit and main trysail.

Concertact at the wind under all plane sail to regals, with staysails and main trysail. Distilling. appendicion at the wheel.

Leutenaut U. G. M. From 4 to 8 a m Friv. Right to gentle breeze from A. N.E. most of watch, almost North at send of watch. Privilege barmeter bonce East. He baded off until seed of watch, when upon course. For tack under all plane sail to engale, main tryonile main and muzze topmash stayeals, for topmash stayeals. On 7. 45 set geff topsail. Distilling appendiculated at the wheel. I moved sea.

Eurign Qu. S. W. From 8 a. M. to Merid.

Fair balm to gentle been from N by E. to East Barometer resing. at 9.30 mustered and inspected our at quarters. at 9.54 called bleav ship for action, took in royale, flying jib and staysails and sent down royal yards. All Divisions ready at 10.05 and sounded to Escentib Quarters. Commenced exercise at 10.13. Commanding Officis inspected divisions when they serve reported ready. Secured at 10.27 and slights for eyel; made all plain each to royals and took in main typail. At end of watch under all plain each to royals without strengeway. Come Each.
Appendictor at the whal. Distilling with banked free under bolen B. Engineers Dept. cleaned belger.
Description of magazine 81° 81° folused, 80° 80° aft. N. J. Col Eman

Gusign U.S.M. From Merid. to 4 J.M. Little Cloudy wather balms and light airs from No ly & bones East (pe) until 1230 when it was claught to E149 (pc.) Barly dinaguray frist two hours; no otenaguray last two hours of watch appendix of the watch are manuschip, mothing applicing, strapping blocks ste. during 3rd and 4 the pended. At end of watch ship under all plane sail to ropale, except maintails with no stewaguray lappendixes at the what Distilling with banked frie wader boles & At 1250 hauled in patent log reading 83.6 miles.

W. Caperton Luitenaul U. J. W. Jum 4 to 8 J. Mr.

Light and to light breeze from 96 and 96 by 9. 6 londy and pleasant . Smooth sea.

Je Ge Leitewart Qu J. 91 Dem 8 9 9 n. to Mid. Chav. Light to moderate beeze from I by E to I E borre E 14 L. Quider same sail as in preceding watch Distilling with banked frier under botter 18. appreciation at the wheel.

Purell Lieutenant Q. J. W.

Examined and found to be correct.

J. B. Moilton Sieutenant Ol. S. On Navigator.

LOG of the UNITED STATES Phip Essex Third Rate, Making passage from Newport, a. I. to Southampton, England.

1770			1 1	James James								,	'	0			
			Reading		WIND.				BAROMI	ETER.	TEMI			State of	Forms of	Clear Oths.	se Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	2	0	100.8	& 1/2 M.	J. ly 6.	2-3	0	3/4	30.33	71	70	66	70	b.c.	cum.	9	9
2	2	0	101.0	8.148		2	0		30.33							9	
3	1	0	101.1		South	1	0		30.32			67	72	"		9	
4	1	5	1.4			1	0	3/4	30.29	71	70	67	73	-		4	
5	1	5	1.5		9.9%	0-1	0	0	30.26	71	70	67	73		cir.cum.		
6	1	5	1.5	. ,		0-1	0		30.26	1	71	68	73		-	3	
7	2	5	2.8	"		1-2	0	0	30.27	72	70	67	73		aum nimb	.4	
8	2	8	3.1	-	901. by 91	3	0	0	30.26	72	70	68	73	-		2	
9	3	6	6.7		. 0	3	0	0	30.27	72	70	68	72		-	2	
10	4	3	11.0			3	0	0	30.28	74	72	70	72			3	-
11	3	8	14.8		Oh. by of	3	0	0	30.28	75	73	71	72			3	-
Noon.	2	6	17.4		1	3	0	0	30.27	75	73	71	72	-	-	5	
									-								

61. 5 Distance run by Log. Course and distance made good since preceding noon by observations, A & /4 &. 65 knots. tenths 44 ° 55 'N. " Latitude by D. R. Position at Noon: { Longitude by D. R. 40 0 21 194 " 45015 · N " Latitude by observations of O Longitude by chronometer from Forenoon Observations of ② 40 004 94. " Position at S A. M. { Latitude by S. M. fum Som Longitude by observation 45° 10' N. " 40 0 28 '96. " Position at 8 P. M. Latitude by D. M. from Norw

Longitude by Chammetter from afternow observation o

Current during the time, 2,5 knots tenths per-how, setting to the N. E. 3/4 N. 45015 'N. " 39037191." Clau.

Deviation of the Compass by Azimuth © observed at 7 a. 9w., ship's head & /2 9. 29 0 37 ' W. Var. used 29 30 %. 4 002 6. " Deviation of the Compass by Azimuth O observed at 70.9w, " Water expended during the preceding 24 hours, 500 gallons Water distilled during the preceding 24 hours, 736 Water remaining on hand fit for use at Noon, 2361 Coal consumed during the preceding 24 hours, 1 tons 760 lbs. 73 " 160 " Coal remaining on hand at Noon,

						T											
P. M.			10 -	6.149.													-
1	1	6	18.9	€ 3/4 9.	Ot by A.	3	0	0	30.27	76	75	72	74	b.c.	cir.um.	5	9.
			24.2			3	0		30.27								
3	3	7	27.9			3			30.26								
			29.4		North	2-1			30.25						mint.		
			29.4		JUE. by N.	2.3								b.c.p.	cum aint.		
			31.2	96. by E.	N8.		0							bc.			
			35.8			3-4	0		30.23							4	
			39.4	96. ly 9.	NE. by 6.	3	0		30.21							4	
			42.6	96 ly E.	16	3	3		30.21							2	
			44.2	96 ly 6146.		2.3	2		30.21							1	
			46.0	98./26.		2.3	2		30.22							2	
			46.2	98.149.		1	2		30.22							5	
										'	-		'				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. bleav and bright starbight Dight airs to light breeze from Fty & to Forth Baroneter falling stoody Come 54 5 an conser last three hours Suder all plain sail to royale with exception of ringle seef in manisab Sight surle from Inthused appointment of George R. Esteling.

Surger R. Esteling.

Energy W. J. M.

From 4 to 8 a. M. Curign and pleasant balow to gentle breeze from G. F. Ch. to F. Ch. by M. Baronetter strady. At 6.36 at mails and surjew topmant strayails and spanker gaff topsail. At end of watch under all plain sail to royals, all topmant staylails and gaff topsail on course 6.49. apprentices at the whal. Distilling with banked free runder briles B.

From 8 a. On to Oriend.

Surge at Sa. Som to Oriend.

Cherge at Sa. Som Sa. Som Sa. Som Sal by the orient to Ch. by F. Ship on her course 6/4 F. (pe) at 9 30 hould down main and migen topmash staysails and at 10 hould migen topmash atoms of in spanker and gaff topsail at 10.30 per starboard lower study sail and migen topsail. At 11.30 per port lower study sail and migen topsail. At 11.30 per port lower studying sails are sail and of water under four topmash staysail, both lower studying sails and all plain sail to water except mainiail and spanker appoints in at the wheel I stilling with free backed under boiler B. Semperature of magazine 80° 80° forward 79° 79° aft.

Drow Merid to 499.

Sentle breeze from V. by V. falling to light airs and verying to North last how. Dair and phasaut. I mooth sea By order of bounawding Officer changed cours at 12.30 to 8.49. per Frankand. Dork in flying jit and fou topmast staysail at 1.00 and the studding sales and migre topeals at 3.40. It is the manuscall (enigle rafled) at 3.40. At end of with our colors 6.44 I under plain sail to expel, except the flying jit espains and as enigh nel in the manisal. Appendices withouting clothing Distilling with fire banked under briles B. appendices at the wheel.

Drow 4 to & P.M. Scientemant (U. I. O. bloody to clear Passing about first hour. Sight to moderate breeze from NE by N. to NE. by E. Ot 405 set flying jil, for, main and migror topenast staysaile and aparter. At y P.M. took ringle reef in topenals and set topegallant sails. Fulled flying jit and agale and main and migror topenast staysails. Course E 36 T. By the wind under plain sail to topegallant sails over single nefect topeails at end of watch Distilling. Opperatures at the wheel.

Drow & P. M. to Mid.

South of Sondy Dew stars visible occassionally. Fight airs to gentle breyer from M. By E.

to M. E. Lonner & H. By the unid on post tack under arms soil as during preceding watch.

(4) 8 30 took in topgallant sails to an approaching equall rest them of 900 Backnete about etady. Apprentices at the what Better about that of the what Better about the start of the what Better about the start of the what Better about the sail of the what Better about the sail of th

Examined and found to be correct.

J. Co. Moillin, Lintuan De & R. Navigator.

LOG of the UNITED STATES Ship Essex Third Rate, Making passage from Newport R. I to Southampton England 0 30.21 70 69 66 72 b.c.w. 96/26. JE. 3 Hauled in 1 0 0 30.21 70 69 66 72 996126 6.16. To otenageway I by E. balm. 0 30.21 70 6966 72 5 0 0 1-0 0 E. NE. 0 30.22 70 69 66 72 no etechageway 0 30.21 70 68 66 72 balm 0 0 30.20 69 68 66 72 0 0 O.c. 0 30.20 69 68 66 71 0 0 9.96. 0 30.17 70 69 66 71 Or earning ship E. by N. . . . 0-1 0 0 46.3 9. by 6. 1/2 30.17 71 70 67 .72 2 4 47.6 0 O.c. 1/2 30.16 71 70 67 72 9 50.5 2.3 0 10 b.c. East 3 0 1/2 30.16 71 71 68 72 6 3/4 9 3-4 0 14 30.17 72 71 68 72 5 55.6

48. 6 Distan	e run he fra	
Course and distance	e made good since preceding noon by observations, & \$\frac{1}{3} \& \frac{3}{4} \& 6	44 knots. tenths.
	(Latitude by D. R.	45 0 15 1 1. "
	Longitude by D. R.	38 058 194 "
Position at Noon:	Latitude by observations of O	4500211."
	Longitude by chronometer from Forenoon Observations of ②	39 004 94."
	(Latitude by D. R. Lune Som	45°06' N. "
Position at 8 A. M.	Latitude by D. R. fum Isom Longitude by observation	39 021 '04 "
	(Latitude by D. R. Low) Som	39 ° 21 '04 " 45 ° 20 ' 1. "
Position at 8 P. M.	Longitude by M. R. Gow Norm No alternon observation.	6lmdy 38 0 01 '04 "
Current during the	Latitude by D. H. ferry Noon/ Longitude by B. R. ferry Noon/No afternoon observation, time, 13 knots tenths poss hour, setting to the Fly &	V:14 04
Deviation of the C	ompass by Azimuth O observed at , ship's head	. 0 /
Deviation of the C	ompass by Azimuth ⊙ observed at , "	0 1 11
Water expended du	aring the preceding 24 hours,	350 gallons.
Water dutil	lod, during the preceding 24 hours,	741 "
Water remaining o	n hand fit for use at Noon,	
Coal consumed dur	ing the preceding 24 hours,	2752 " / tons 560 lbs.
Coal remaining on	hand at Noon,	71" 1840 '

P. M.				6 3/4 9														
1	2 2	9	58.5	6 14 9	Fly W.	3-4	3	0	30.18	72	71	68	72	b.c.	strat.	2	9	
2	6	1	66.9		1	4	4		30.16						.,	1		
3	6		72.9		g. gov.	4	4		30.14							1	,	
4	5	4	78.3			4	4	0	30.12	73	72	69	73	b.c.d.		1		
5	6	5-	84.5		994.	5.	5	0	30.12	73	72	69	73	o.c.d.	mint.	0	M.	
6	6	5	90.7	4		5	5	0	30.11	73	72	69	72		"	0		
7	6	4	97.1	,,	904. by 04.	5	5-	0	30.11	72	71	69	72			0		
8	5	8	2.9		Ox by 9.	4	0								cur wint.	0		
	5		8.0			4-5	4	0	30.08	74	72	71	72	0.0.w.v.		0		
10	5	2	13.2			4-5	5	0	30.09	74	72	71	72			0		
11	5	5	18.7			5	5-		30.06							0		
			24.5			5	5.2		30.04							0		
accessor	La	5										-						

Commander Touis Kingsley Sunday August 5

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. m. Partially cloudy and pleasant. balow to light are from NE to ENE Barometer steady. At 130 took in mainsail and at 2.50 took in apparher. At end of water under jit for topmast staypail friend single refer topsails and topgallant sails, heading \$126. Appartian at the while Distilling inth banked free under boiler B.

Jum + to 8 a.m

Ousign U. J. R. blondy and calm. To stenageyay until 7 a. M. when commenced to unaw alight airs from 9.99 finished waring at 80 block and put one patent by reading 46.3 miles bourse 6 4 9. (p. c) at 7. 45 at angle reflect maneral, equaler, royale flying jet main and miggin topmant stayouts. This by the wind on startand tack at end of watch under fore, main and mizin topmast stayouls and all plain sail to engle except anight reef in maineal Destilling with frien banked under boles B. apprehense at the wheel.

Tum & W. M. to Merid

Sight to moderate bueze from I by E. t. I by & Parthy clondy and pleasant . Forosth wa alg 30 mustered and inspected our at quarters; afterwards called all bands to muster, read, article of "Hav", Leweral Could martial order Nie 34 to 37 inclusion, Geneal Order Nie 44, 424 and 425, Cumlar order No. 57, and had kaneal menter all to 30 held Time Frace the Commanding Officer conducting the second Landred up wrather class of manuscil at 10,00 and set the main trypial and myzer graff togeth of 1100. It end of watch on comes 6449, which seems and myzer togeth main trypial and myzer translation comes 6449, which receip wrather class of manuscil Dietelling main trypial, myzer of flower and plain earl to cryple except wrather class of manuscil Dietelling with fire banked under both 13. Copperation at the wheel Designature of magazine 80:80. formed 73.773. It

From Merid. to 4 J. m.

9. by 4 and 9. 90. at 12.35 changed come to 6/4 9. at 12.45 at wather clear of mainsail at 305 stopped distilling and allowed frier to die unt under bale B. Thork reef out of manierie at 3, 15. At end of watch under all sail earest studding sail. appendicie at the whele

Cludy, damp and rainy. Wroduate to stiff breeze fum Ist at legenming to It of I at end of watch. On cour 614 I. Baroneter almst steady. Product sea. At 4 20 hauled down main topmast stayeail; at about 515 took in gaff topeail, and late main trysail, epeaker myzer topmast stayeail and for topmast stayeail, hard up watcher clear of maintail and aquaid garde appendix at the what.

Ling Moaus Energy Q. & R. Furm 8 F. M. to mid Cloudy and mixty. Oroderate to stiff brey from Olly I Baconton falling. At end of watch under all plain sail to enjuly except flying jit epacker and wather clear of mainsail, or conce & 14 I apprentice at the wheel. N Coler an English Qu.

Examined and found to be correct.

J. B. We'ller, Switnaut O. J. D. Navigator.

Thip Ossex

LOG of the UNITED STATES Thip Osses Third Rate, Making passage from Olewpoork, R. J. to Southampton, England. Direction by Standard 6.149 Ot. by J. 4-5 0 0 30.02 75 74 73 72 b.c.d. mint. 1 6 2 30.7 Or 20 91. 5.6 0 0 30.00 75 73 72 72 2 37.9 o.e.d. cirium 5-6 0 0 29.99 75 72 71 72 7 3 45.2 Or by N. b.c. 56 0 0 30.00 74 72 71 72 1. 52.3 6 0 0 30.00 74 72 71 72 9 59.1 4 66.7 6 15-17 0 30.02 75 72 71 72 7 2 73.9 6 15-15 0 30.00 74 72 71 72 7 5 10-13 0 30.00 75 73 72 72 5 10 0 30.0475 7472 72 6 6 86.6 b.c. Ot. St OU. 5 10-17 0 30.0474 74 72 71 6 0 92.6 ,10 So Ok. by Ok. 5 12-17 0 30.05 75 76 73 72 6 5 99.1 11 5 5-612-17 0 30.05 75 76 73 71

151. 1 Distance new by Patent log Course and distance made good since preceding noon by observations, $\mathcal{E}_{\mathscr{N}}$ 10 6 knots. tenths. 45 0 59 1 1. " Latitude by D. R. 35 047 . W. " 45 047 . W. " Longitude by D. R. Position at Noon: Latitude by observations of O 36 043,04 " Longitude by chronometer from Forenoon Observations of ② Position at 8 A. M. { Latitude by D. H. fund Mond 45037 . 1. " 37 017 19h. " 46 003 . N. " Position at 8 P. M. Latitude by D. R. from Nome

Longitude by Chromometer from afternom observations

4016 35049.04." Current during the time, 40 knots tenths per hour, setting to the 9 91. by 91. 3/4 94. , ship's head Deviation of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth O observed at 360 gallons, Water expended during the preceding 24 hours, 148 " Water distilled during the preceding 24 hours, 2540 Water remaining on hand fit for use at Noon, tons 800 lbs. Coal consumed during the preceding 24 hours, 71 " 1040 " Coal remaining on hand at Noon,

	-	T		The state of the s													-	
P. M.													785					
	6	9	13.1	6.49.	Ot. A Ot.	5	10-15	0	30.02	74	75	72	70	b.c.	cir cum.	8	m.	
			19.3			5	12-16	0	30.02	74	74	71	67		cum etral	. 8	-	Ì
		4			Ot. by So.	4-5	15-18	0	30.03	73	74	70	67			2		
4	4	6	29.3		0	3	15-18	0	30.03	73	73	70	67			2		
	4		34.0			3	18-20	0	30.04	72	72	69	67			2		
			37.8			3	18.20	0	30.03	72	72	69	67			2		
		8		•		3	18-20	0	30.03	72	72	69	67	"		8		
8	4	8	47.4			3	18-20	0	30.03	71	70	68	67		"	9	-	
9	4	4	51.8			3	18-23	0	30.04	70	70	68	66	b.	none	10		
10	4	2	56.0			3	22-27	0	30.04	70	70	68	66			10		
			60.2			3	22.26	0	30.05	71	71	68	66	b.c.w.	cum.	6		
Mid.	4	5	64.7			3	20-24	0	30.05	71	71	68	66			5		
			,															
DESCRIPTION OF THE PARTY OF THE									THE PERSON NAMED IN	-		-	-		THE RESERVE AND ADDRESS OF THE PARTY OF THE		-	

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. m.

Cloudy and threatening wrather with light drighing vaiw at frequent intervals during watch; under atims of cleaning last home. Moderate to fresh breeze from Obly I wrained to Or. Not. all 1.20 haubed up lev clew of manusciel Baroneter falling aloney. At end of watch ship or how come 5.44 I (pc) under all plain sail to regale, except flying 3th, madriail and spanker. Appuntices at the wheel.

W.B. Caperton.

Dem 4 to 8 a. M. Sink to stiff longs from Oh by A. blondy Orodicate following sea On cross 6 14 L. under plane sail to royale except flying jit, marrial and sparker. apprentises at the wheel.

Firm 8 a. M. to Merid.

Sight passing shown of drygling name first how Itelf to fresh breeve from M. by h. to N. M. by M. At 9.30 mustered at quarters. Instructed apprentiae at quar friet precion; 2nd period, exercised and instructed apprenticies of the watch in manning and lead of mining nigging. At 10.45 set port stinding soil and at 11.35 took it in At 10.30 set miggen topsail. At 11.8 m. in the claw of manifeld bonen & F. S. Under all plains each to royale except flying jet for topsail staypail, wrather claw of mainsail and sparker. Moderate following sea from I. I. M. Lippinities at the wheel Temperature of magaziner 80°80° forward, 79° 18° aft.

From Preside to 4 P. M. Sain to cloudy Stiff, falling to gentle breezes at end of watch from O. N. H. and O. by N. B. arometer riving elighthe Producte following even On course 6/4 P. Ouder came sail as presiding watch with migrou topmass staybail in addition after 100. Instructed apprentices of watch, three periods 1, lead of running grave, 4 gunny, 3, bog and had lines apprentice at the wheel.

Trace R. Forms.

Ensign O. Str.

Dim H to 8 PM.

Partly cloudy and pleasant. Gentle buy from the by N. Bavoneter steady. It 4.10 haubed down migres topuast stayout. At 30 took in lee cliv of mainsail. At end of with under all agraes able to right, with jet except manisail, on conser & 14 & appendice at the wheel. This wellingheavely to moderate evel from N. W.

71. P. Of man

Drow o P. M. to Mid.

Chego W. S. M.

Cheav and cool find part fair latter part of watch. Gentle buy from W. y N.

This rolling duply and frequently to a long brang will from W. N. M.: extreme roll to starboard 27° and to political 21° Open set at g. So. Connec E'14 F. (fc) at end of watch ship runder came exil as at end of provine watch. appendices at the what.

Examined and found to be correct.

J. B. Molton, Suiteward Ol S. O. Navigator.

Lieutewant U. J. M.

Third Rate,

6.14 9. Ot. A W. 4 10-15 0 30.0469 69 66 69 eum. 9 d. 5 0 69.8 b.c. 5 10-15 0 30.0469 686669 6 3 76.1 7 0 83.2 5 10-15 0 30.02 69 68 66 69 A Of by St 6 15-18 0 30.0 1 68 67 65 67 cum strate 3 5 91.0 196 6 10-11 0 3001 68 67 64 66 cir. eum. 3 6 98.6 7 3 5.9 6 15-17 0 30.02 67 67 64 65 7 6 13.7 6 10-18 0 30.0264 67 64 66 7 3 21.0 6 11-15 0 30.03 67 67 64 66 7 2 28.2 6 11-15 0 30.06 68 68 65 66 7 8 34.7 6 11-15 0 30.09 69 69 67 67 6 11-15 0 30.09 69 69 67 67 8 3 45.0 11 6 11-15 0 30.09 69 69 67 67 8 5 53.7 Noon.

145.9 Dietauce new by Patent Jog.

Course and distance made good since preceding noon by observations, & 16/46. /42 knots. tenths. 46041.1.11 Latitude by D. R. 33 030 , 94. 11 Longitude by D. R. Position at Noon: 4602911." Latitude by observations of O Longitude by chronometer from Forenoon Observations of O 33 032 , 04 " Position at 8 A. M. Latitude by & R. fum Now 460 181 11 " Longitude by observation 34013,94." Position at 8 P. M. Latitude by D. R. fund Now (Longitude by Chevenneter fund Afternoon observation) 460501 1.11 32013,94.11 Current during the time, 11 knots tenths per hour, setting to the 9/2 %. , ship's head Deviation of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours, 355 gallons. during the preceding 24 hours, 2185 Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons 200 lbs. 71 " 840 Coal remaining on hand at Noon,

P	. M.							-										
	1	8	2	61.9	649	N 94.	6	10	0	30.11	67	69	65	67	b.c.g.	cum.	4	2
1	2	7	8	69.7	*		6								. 0	cir.cum.		
				76.8		"		10							b.c.	4.		
				83.9	.,		6	10								mint.		
				90.6		No. by N.				30.16								
				97.4		A. By A.									0.c.d.			
				3.5	**	4.194.				30.16								
	8	6	3	9.8		"	5	10-12	0	30.16	65	65	62	66			0	
	9	5	6	15.7		N by 04.				30.20						cum ninch	0	
	10	5	2	20.9						30.21								
	11	5	1	26.0						30.24						7	2	
1	Mid	5	0	31.0	,					30.27							2	
	293.14.									,								

, U. S. Navy, , 1894.

Bruell

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Stiff to fish breve from Oh. A.Oh. and N.Oh. by Oh. Fair and pleasant. Song rolling eea from Not. and Ohd. at 2.00 eet lev clew of maintail and neighbor topmast statisail. At end if watch on consu E 14 P. under merziew topmast staysail and splain sail to royal except flying jil, wrather clew of massival and spanker. application at the wheel.

Geo. R.b.e From 4 to 8 a M. Siair to clear Fresh breeze from N. at 4.30 pet main topmash starpail. at 6 o clock est flying jet fore topmash starpail and spanker brieze E/4 F. Chuder all plain sail to royale (except brother clear of manusald) with starpails . Indexate sea from N. Ch. apprentices

From 8 a. M. to Merid Livetewant W. S. W. Dain S. gually appearance latter park. Tresh breyer from NOh. Barometer steady, bash three hours Long quartering sea. On course 6.45. under same sail as pecceding watch with lower studding soil in addition between about 9.25 and 10.30. My 9.30 mustered at quarter after which had durasenal drill; 2nd period, instructed apprentices in knotting and appearing apprentices at the wheel. Designerating of magazine 78° 78° forward, 78° 77° aft. Detect magazine flood cocks and found them in good working order.

Time Oresid to 4 P. 9h.

Every & Source.

Everign & F. W.

Tarthy cloudy and pleasant. Fresh brey from Nob Barontter vising Qt 1.00 o'clock
took in arysle, flying jit and migrer topsoil and est wather clew of manifel Bad interesting
are follows. from 1.8 to 2.15 stadrand watch, aramanchip knotting and appening: from 2.30 to 3.15
stadrand watch, gunnery; from 3.30 to 4.00, all the appenticel setting up. At end of watch under
all plain eail to topgallant eacle and all topmash stagrails on course & 149. Appendicip at the wheel.

Dean 4 to 8 F.M.

bruyer from NO 10 pm, wring to No NO. This in her course & 4 F. (pc) at 7.10 cleared up topgallant scale and took single nefe in topeals for exercise; shook out refer and made sail to topgallant sails. This rolling constantly to a long surle from NO. extreme roll to starbrard 15° and to part 10°. Wend of water under same sail as at end of previous water. appendice at the whole

Grow & J. M. to Mid. Stiff to moderate been from it by & Partly Indy Mone at at 9.45. Long will from A'd. and Old One come & 149, under all the staypails and plane sail to toppallant sails apprentices at the wheel. Gen R. Greater Qu. 9.90.

J. B. Me illin, Suitenant ON FOR Navigator.

LOG of the UNITED STATES Ship Essex Phird Rate, Making passage from Newyport, R. I to Touthampton England.

.,,,	·	cor	7 1/2	assinge Jun		'	0.00		× 0 / 0			- 6		,	- Cyrin		
			Reading		WIND.				BAROMI				URE.	State of	Forms of	Clear Oths.	the Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of t
A. M.		a	35.9	E./4 \$	Month	4	8-15	0	30.27	63	63	62	64	b.c.	cum minel	4	£.
2	4	9	40.8			4	8	0	30.27	63	62	59	64		"	8	
		,	44.0			3-4	8-12		30.27							8	
4	2	3	45.9			3	8-12		30.28						civ.cum.	9	
5	1	5	47.2		-		7-10		30.30						stral.	5	
6	1	0	47.5				8-10		30.30						ter cum		1
7	1	0	47.9	,			8-10		30.30						Cum etias	2	1
8	0	5	48.0	- 0 0	-		2.8		30.30							1	1
9	1	0	48.1	E. by 9.			6-10		30.36							1	
10	0	5	Hauled in	& /4 F.			10-10		30.35							1	1.
11	0	5	-				10-10		30.35							1	1.
Noon.	0	5				0-1	7-5	1	30.37	65	64	60	62			/	+.
						1		-					-			1	1.

97. 9 Dietas	no acer be fog.	
Course and distance	e made good since preceding noon by observations, & . N & 3/4 &.	/OO knots. tenths.
	(Latitude by D. R.	47 °05 'N." 31 ° 23 '% "
	Longitude by D. R.	31 0 23 94. "
Position at Noon:	Latitude by observations of ©	46° 51' N. "
	Longitude by chronometer from Forenoon Observations of O	31 0 10 94."
	(Latitude by 6) R. Lum Norm	46° 51' N "
Position at 8 A. M.	Latitude by D. R. from Norn Longitude by Observation	31° 11' W."
	(Latitude by S) R from Som	460 57' N."
Position at 8 P. M.	Longitude by Column muster from alternoon Observation o	30 ° 56 'W."
Current during the	Latitude by S. B. fund Norw/ Longitude by Churameter from Afterwood Observation of time, 16 knots tenths perhaps setting to the F. F. & S.	46.
	ompass by Azimuth O observed at , ship's head	0 /
Deviation of the C	ompass by Azimuth O observed at , "	0 1 11
Water expended di	aring the preceding 24 hours,	350 gallons.
Water	during the preceding 24 hours,	и
Water remaining of	n hand fit for use at Noon,	1835 "
Coal consumed dur	ing the preceding 24 hours,	/ tons 960 lbs.
Coal remaining on	hand at Noon,	69 " 2120 '

P. M.																	
1	0	0	Healed in	No iteerageway	balm	0	0	0	30.36	65	64	60	62	b.c.	cum.	,	L.
2	0	0		No steerageway		0	0	0	30.36	65	64	60	62			1	
	0					0	0	0	30.35	65	64	60	62			1	
	0					0	0	0	30.35	65	64	60	62			1	
5	1	6		N6.	96. ly E.	0-1	0	1/2	30.35	64	63	59	62	0.0.	cam wint	0	
6	1	6		N 6. by 6/26.	98.	0-1	0	1/2	30.35	64	63	60	62	b.c.	strat.	1	
7	1	8		16/26.		0-1	0	1/2	30.35	-64	63	60	62			2	
8	1	4		NE /2 N.	96. h, E.	0-1	0	1/2	30.35	64	63	60	62			4	
9	1	6	-	N63/4 N.	96. by 6.	1-3	0	1/2	30.37	64	63	60	62			5	
10	1	7	-		4	1-3	0	1/2	30.37	64	63	60	62	.,		3	
	0					0-2	0	1/2	30.39	65	63	61	62		-	4	-
Mid.				No steerageway	balne.	0	0	0	30.39	65	64	62	63		cum strat	9	
				0 0													-

under the command of

Commander Touis Kingsley Obednesday August 8

, U. S. Navy, , 18 94.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Chear. Gentle to moderate breen from North Long surll from Not at 3.20 set royals and flying jet Course & 14 g. at end of watch under all plain each to royals with etdyscals apprehense at the wheel.

J. Pencell. From 4 to 8 a. m. Crow # to 8 W. M. Clock Light breeze falling to very light airs from the Northward. Barometer high and strady. Eng eville from 4. N. Ou corner 6.149 Ander all plane sail to royale, together with all staybuls. At end of watch barely steerageway. appreciative at the wheel.

Though the watch of watch barely steerageway. appreciative at the wheel.

From 8 a. On. to Merid. Cloudy and pleasant balm to light air from I orth Barometer rising . At 9.00 took in againer . A 9.30 meletired and irispected ciew at quarters. From 9.45 to 10.55 exercised all

hands at chortuning and making sail and tacking ship at 110 clock took in conser and all etayicits. Quality Board of Fenery condemned and their vertical 196 the flow, marked marketten hippy to april 1993. A guilt go and 196 the flow, marked marketten hope of painting and 196 the flow sail to royals becapt conservant sparker on the solution can sparker or market from 184. Appendices at the wheel Demperature of magazine 18 75 forward, 78 77 aft.

From Meinds to 4 P.9N.

Sueign V. S. N.

Show and 5th periods repaired and boulanded clothing. At 3.45 set for and migror topmast stayeally foresail, manually and sparker at expanded and boulanded clothing. At 3.45 set for and migror topmast stayeally foresail, manually and sparker at each of watch ship under for and migror topmast stayeally and all plane sail to royale with basely strengerray. Appuntion at the while except while bago were up I flaturity.

Oum 4 to 8 J.M

Calmer to light air from 96 by 6. and 96. bloody and pleasant. At 6.50 exercised at refing topsails. For a single reef in the topsails, short out the reef and made sail to royals. For the main topman staysail at 7.45. At end of watch on starboard tack under all staysails and plane sail to royals. A sail wreet in right during watch baring about 6. by W. Appenticio at the wheel. Georelle

Orone & S. M. to Mid.

Lieuteward W. S. M. Come & 14 A. Bude same said as in preciding watch with 115 when the mainsaid spanker, bying jit and all stayands were taken in They bestry swill. a back chaving green side light low Forth about the miles away at end of watch application at the while

Murcell. Tuntenant ON SON

Examined and found to be correct.

J. B. Mo illow, Sin Navigator.

LOG of the UNITED STATES Ship Essex Third Rate, Making passage from Newyport, R. I. to Southampton, England

			Creero	g spussage	0	,				-			1		0	4.1	é
			Reading	COURSES STEERED	WIND.				BAROME					State of the Weather,	Forms of Clouds, by	f Clea	the Se
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway	Height in inches.	Ther. att'd.	Air, Dr. Bulb,	Air, Wet Balb.	Waterat Surface.	by symbols.	symbols.	Prop. o Sky, in	State of the Se
А. М.					0 4					,		:: /	1.	,	cum.) (
1	0	0	Hauled in	No steerageway	balm	0	0		30.39					b.c.	cum strak	T	d.
2	0	0		. 0 0	,	0	0	D	30.38	65	64	62	63			7	"
3	0	0				0	0	0	30.36	65	64	62	63			8	
	0.	0				0	0	0	86.0€	65	64	62	63			6	
*	0	0				0	0	0	30.38	65	64	62	63			4	
5						0	0		30.39					,		5	
6	0	0		NOV.	NE.	0-1			30.40						cum.	6	
7	1	0		000	6.16.	1			30.43							7	
8	0	5	-	001/01		1			30.45						cir. cum	5	
9	0	5		N 94:12 94.	N &.	0-1									Coy. Cum		"
10	0	0		Oteaming ship.	N. N. W.	0-1	0		30.45						,	9	"
11	1	5		E. E. 9.	1.16.	1-2	0	3/4	30.46	67	67	64	64			9	
	1	5		6.96/26.		1	0	3/4	30.46	67	67	64	64			9	
Noon.										,	'						
	-	-		1.0		-	-	-		-	-	-	-				

15. 2 Distance	new by Log.		
Course and distant	re made good since preceding noon by observations, A & 1/4 M	20 knots.	tenths.
	Latitude by D. R.	47 001 1	A."
	Longitude by D. R.	3100516	
Position at Noon:	Longitude by D. R. Latitude by observations of Θ	470071	St."
	Longitude by chronometer from Forenoon Observations of ⊙	30 0 52'	Ot. "
	(Latitude by D. R. from Show	47 °07 '.	N."
Position at 8 A. M.	Latitude by D. R. from Norm	30 054 16	W. "
	(Latitude by D. R. hom Now	47 °07 '	N."
Position at 8 P. M.	Longitude by file our muster from alternoon observations	3003916	24. "
Current during th	{Latitude by D. R. from Norw/ Longitude by Chronometer from Afternom observation o etime, // knots tenths perhour, setting to the No 59° &	5.	
	Compass by Azimuth ⊙ observed at , ship's head	0 1	
	Compass by Azimuth ⊙ observed at , "	0 ,	"
Water expended d	uring the preceding 24 hours,	335	gallons.
Water	during the preceding 24 hours,		"
Water remaining	on hand fit for use at Noon,	150	0 "
	ring the preceding 24 hours,	tons 20	
Coal remaining on		69 " 192	
		1 1	

P	. M.				,													
		1	4	Hauled in	6.96.	16. by 1.	1	0	1/2	30.47	67	68	65	65	b.c	cir cum	8	9.
						. 1		0		30.47							7	
			8		6.98/26.	N.NE.	0-1	0		30.48							7	
			5				0-1	0		30.50					-	1.	8	
			5		6. by 9.	A by 8.	0-1	0	0	30.50	68	68	65	64			8	
		0					1	0		30.50						4	8	١.
	7	0	6				1	0	0	30.50	67	67	64	64				
			3				1	0		30.51							9	
			5			"	0-1	0	0	30.53	68	68	64	64	bow.	cir.cum	9	.,
		0					0-1	0	0	30.55	68	68	64	64		civ.	9	
	11				6.96.	-	0-1	0	0	30.55	68	68	64	62		our strat	9	
	Mid.				€ 96 1/26.	balm.	0	0	0	30.55	66	66	64	62	,		9	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a M. Bloan and bright starlight balms Comes 6/4 N. No steerageway. Reading to the Obestivaid Ander plain aid to royals except flying jit, marriail and sparker Reary dews apprintices at the wheel.

Drom 8 a. On to Merid Every and fine wrather Light airs from ENE, backing to NNO and orriving to N NE Barometer using slowly and my high all 9.30 mustered at quarters Perist period had divisional dicillo; 2rd period the 2rd and 3rd divisions had ugaster at 9.30 commewced to was ship and set for, main and mysen topmast staypals manual and spanker Consel E14N (pc) at such of watch ship by the wind my port tack under fore, main and mysen topmast staypails and plain said to royals apprenticie at the what Sempuative of magazines 77°, 77° founded, 78° 78° aft.

Dom Merid. to 4 99. Light airs from NE by N. and N. NE. and calme . Fair and pleasant Dinorth ara. By order of Commanding Officer changed source at 12.30 to E. by F. per Floundard. On good tack involved at stayeast and plan sail to regale During 3rd 4th and 5th periods from 1.15 to 400 exercised 1st divine and both Parder divisions at signale ing mags and mass head During pool of watch a four masted steamer was in eight on lee bond standing to the Ed Fighted as each view or he were from masted steamer was in aight on lee bond standing to the Ed Fighted as each view or he were from masted standard at 3.00. Apprentice at the view.

From 4 to 8 P.M. Structural & 9.90.

Clear balow to light airs from N by E. to N Ct. Connex E. by G. At 5.30 took in main topmash stayeail weather clear of manusail ouggest topmash stayeail gaff topsail and flying jib. At Jo clock exercised refing topsails to close restrained fulling light shile. At end of watch under all plain sail to regale, except flying jil, course and spanker. Apputice at the wheel.

Thereal

From & P. M. to Mid.

Shear and bright starlight Dery light arise from N. Ob. balu at mednight Baroneter very high and steady. Come E. by S. Barely sterageway at mednight. Beaux dews. I morth sea. appendice at the what. Fame sail as preciding watch.

Tago K. Torms.

Eneign QL. F. OK

Examined and found to be correct.

J. B. Mo illon. Seripator. Saripator.

Ship Essex

Third Rate,

			Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	Forms of	of Clear in 10ths.	Pro Con
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	
A. M.	8			n .	0 ,				2	, _	1.	1.	1.1	0		0	0,
1	0	0	Mauled in	No steerageway	Calm	0	0					,		b.c.w.	Cum strak	9	1
2	0	0		"		0	0		30.52				,		-	9	1
3	0	0				0	0		30.52					*	cir.	7	ı
4	0	0				0	0		30.52			,		0	cum stial	9	ı
5	0	0		-		0	0		30.55			1		b.c.	cum.	9	ı
6	0	0		-	.,	0	0		30.56						-	9	t
7	0	0	-		-	0	0		30.56					-	1	7	t
8	0	0				0	0	0	30.57	66	66	64	64		cum stead	-7	H
9	0	0				0	0	0	30.58	67	67	64	64		-	8	H
10	0	0				0	0	0	30.58	67	66	64	64	-	civ an	8	1
11	0	0				0	0	0	30.58	70	67	64	64			84	1
oon.	,	0		166,6126.	96.	1	0	0	30.58	70	67	64	64			8	1

9.3 Distance	num by Log.		
Course and distance	the made good since preceding noon by observations, Ju & /2 Ju.	20 knots. t	enths.
	(Latitude by D. R.	47 °08 'A.	"
	Longitude by D. R.	47 °08 'A. 30 °39 'OL	"
Position at Noon:	Latitude by observations of ②	47 ° 19 ' Nr	
	Longitude by chronometer from Forenoon Observations of ⊙	30 031 '94	
	(Latitude by S) IR Land Monny		
Position at 8 A. M.	Latitude by D. R. from Som Longitude by Observation	47° 18' N.	"
		47 ° 22 'N.	"
Position at 8 P. M.	Longitude by I am wester from (How one / throught in)	47 ° 22 'N.	"
Current during the	Latitude by D. B. Jum Norw Longitude by Chronemeter from Afternoon observation of the time, 12 knots tenths por hour, setting to the N. 27°	6	
Pav. Deviation of the C	compass by Azimuth @ observed at 5.40 0%, ship's head 6.96/4	6. 280 43' 04	
	compass by Azimuth ⊙ observed at 5.40 PM, "	50006	" Var. used 30: 30 %.
	uring the preceding 24 hours,	360 g	
Water	during the preceding 24 hours,		"
Water remaining of	on hand fit for use at Noon,	1140	"
	ring the preceding 24 hours,	tons 600	1bs.
Coal remaining on	hand at Noon,	69 " 1320	•
		1 .000	

1.																		
P	. M.			-0	2 1 2 1 2	AAS			1	,	,	1.	, .	1 -	0			d
				Haulrein	6.16.126	9.96.	0-1			30.58						civ.cum	4	0.
-	2	1	4	"			0-1	0	0	30.60	69	68	64	65		-	7	
	3	1	8		6. \$6./46.	994.	1-3	0	0	30.61	69	69	64	65			8	
	4	2	8	48.2		4	2-3	0	0	30.62	69	69	64	65			8	
	5	2	4	50.6		O4. 994.	2-3	0	0	30.62	68	68	64	65			8	
	6	2	4	53.0			3	0	0	30.62	68	67	64	65		cum etial	6	
	7	3	5	56.5		. 994.	3	0	0	30.62	67	66	63	65		-	3	
	8	2	7	59.2		99. by 04.	3	0	0	30,61	67	65	62	64			2	
				62.2		9.994.	3	0	0	30.61	67	65	62	64			4	
	10	3	7	65.9			3	0	0	30.60	67	65	62	64	-	cum.	4	
1			,	70.1			3.4	4	0	30.60	67	65	62	64		-	5	
				74.2			3.4	4	0	30.61	67	65	62	64			5	
				1							'							

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Clear and calm Heavy dew. Baroneter high and steady. Large member of meteors fell during watch. Sea smooth Bright starlight at end of watch under plans soil to royale except flying jit, courses and aparther, without steerageway. apprentices at the wheel.

From 8 a. M. to Merid. Sentenant Que An loalm until last how, then light air from 96 Dair and pleasant Fronth sea.

Exercised at General Charles at 9,40. Divisions reported ready as follows. Engineers 1 minute: after Product 1 minute: 45 seconds; 30 minute: 3 minute: 3 minute: 45 seconds; 10 minute: 45 seconds; 20 Division 2 minute: 45 seconds; 20 Division 3 minute: 25 seconds: 3 minute: 45 seconds; 20 Division 3 minute: 25 seconds: 30 Division 3 minute: 26 Seconds: 3 minute: 26 Seconds: 3 Division 3 minute: 26 Division seconds: 3 Division 3 Division seconds: 3 Division sec

Fine Print to 4 PM. Striteward W. S. M. Striteward W. S. M. Scriber of the Selan Color of begin from S. M. S. S. Shifting to light and gruth been from S. M. At 12.30 changed concer to E. S. S. M. 13 at concer. At 2.15 handed up wrather cleve of manical and took in gaff topsail and sprinker and ast migger topsail. At 3.10 ast strukrad studding sail At ends of writch under same pail as in proceeding worth with above noted exceptions. A back fine miles to windward on post tack standing to Nis. at end of watch appendices at the whole.

From 4 to 8 & M. Dientemant On A. S.

Fair frist part clouding up latter part. Gentle breyer from between FO. and A. F. Barometer very high, falling elightly back how. Fourth sea Conser 6. F. 6. 14 6. Qt 7.00 took in lower studding earl At 7.10 clow refed topsails and strong topgellant sails and expals. Thook out refe and made sail to regals. Fet wather clew of manisoil and sparker Under same sail as preceding watch with exception mentioned. Appendices at the wheel.

From 8 PM. to Mid.

Surge R. Everyn V. S. W.

Energy V. S. W.

Change Ch

Examined and found to be correct.

J. B. Miller St. Navigator.

Thip Essex

Third Rate,

m	a	Res	ig p	assage from	newsport,	R.	J. 7	to	Tow	tha	my	sto	W.	Ong	land	/	
			Reading	0 0	WIND.				BAROME	TER.	TEMI	PERAT	TURE.	State of	Forms of	f Clear 10ths.	of the Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Héel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of t
A. M.	3	2	77.4	6.96146.	F. G.W.	3	4	1/2	30,61	67	66	62	64	b.c.w.	cir.cum	,	F.
2	3	3	80.7			3	4		30.60						-	5	.,
3	3	3	84.0			3	4	1/2	30.59	65	64	62	64			5	
4	4	1	88.1			3	4	1/2	30.58	65	64	62	64			5	.,
5	4	5	92.6		FOU.	3	3		30.57					b.c.	cum strak	2	
6	5	3	97.9			3-4			30.57						mil.	2	
7	5	5	3.6			4	3		30.57						eir-eum	1	
8	5	0	8.6			4	3		30.56						etist.	3	-
9	5	3	13.9		9 04. by 04.	4	3	0	30.56	68	66	64	65	- 1.		4	-
10	5	3	19.2			4	3		30.56						10.	5	1
11	5	9	25.1	-		4	3		30.56							4	1
Noon.	5	4	30.5			4	3	0	30.57	69	68	65	65			4	
									1								

89. 4 Distance	e new by Log.	
	e made good since preceding noon by observations, & 81° 6	79 knots. tenths.
	Latitude by D. R.	47 ° 31 'A." 28 ° 30 'O4."
	Longitude by D. R.	28°30'04."
Position at Noon:	Latitude by observations of ②	47 ° 33 ' N. "
	Longitude by chronometer from Forenoon Observations of ⊙	47 ° 33 'N." 28 ° 35 'N."
	(Latitude by ON R. hom) Sorre	47°31' N."
Position at 8 A. M.	Latitude by D. R. from Norm Longitude by office training	29°07'94."
	(Latitude by D. R. Lucal Norm!	47°37' N. "
Position at 8 P. M.	Longitude by ble monster from alternoon Observation O	47°31' N." 29°07' N." 47°37' N." 27°39' N."
Current during the	Langitude by D. B. from Norm Longitude by Chernometer from Afternoon Observation 0 time, 4 knots tenths per hour, setting to the N6° H	, ,
	ompass by Azimuth O observed at , ship's head	0 /
Deviation of the C	ompass by Azimuth ⊙ observed at , "	0 , 11
Water expended de	uring the preceding 24 hours,	380 gallons.
Water	during the preceding 24 hours,	"
Water remaining of	on hand fit for use at Noon,	760 "
Coal consumed dur	ring the preceding 24 hours,	tons 200 lbs.
Coal remaining on	hand at Noon,	69 " 1120 "

-										1								
F	P. M.						-								0	circum.		0
	1	5	8	36.3	8.96146.	C4. F Q.	4	4	0	30.58	69	68	65	65	b.c.	cir.cum.	.7	9
				42.3	,,		4	2	0	30.57	69	68	65	65			8	-
				47.5		Q1. by 9.		2		30.57						cum strat		
				53.1				2		30.56						ciuw.		
				58.6		Otest.		2							0.c.m.	mint strat	0	
				63.2				2		30.58						mint.		
				68.2				2										
				73.0	,	Ol. N Ol.		2		30.60							0	
				77.6				2					4		0.c.d.		0	
				81.9		Q1. ly S.		2							0.c. v.		0	
				86.1		-		2							0. c.d.		0	
				90.5				2	0	30.55	68	67	65	65		-	0	
			1	1														

under the command of

Commander Tonis Kingsley Saturday August 11

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a M. Partly cloudy wrather Gentle breeze from 9.90 Barometer falling slowly . This on her course 6.96/46 (pc) under all topmast stayparts and all plain said to royal apparenticion at the wheel. From 4 to 8 a. M. Sently to moderate been from FO. Parthy cloudy and pleasant I morth and.

On cone 6. 96 46 Est the mixed topsail at 6.30 and the starband studding sail at 7. 45 at and of water under all sail except main trysail and mixed get topsail. Ohree sailing reselve we sight standing to the Ed. appendicion at the what.

Sintenant It. G. From 8 a. M. to Merid. Lintenant Every from IN. by N. Course & 96/4 & Quade same sail as in preceding watch. Two sailing vessels in eight standing to the Ed. appendice at the wheel Denferature of mangagner 77.76: forward, 77:77: aft. Deutenant Cu. S. M. From Merid. to 4 P. M. .

De coner E. \$6/4 6. Under same said as in preceding watch. Apprentice at the whele apprehiment engaged in varihabing bags and mending.

Store R. Eowes.

Everiment & M. & M. · George R. Coaus, Eusign V. J. N. From 4 to 8 9.90 Ovicast and miety. Moderate breeze from Nest to Qt. A. Qt. B. arometer rising. At 6.50 took in studding earl. At 7.10 exercised all hander refring courses and hander doubt doubt main and muzin topmast storyails and took in mainsail and spanker. At end of watch under all plans earl to royale except mainsail and spanker, on course 6.76 146. Apprentices at the wheel On by I Ship on her course 6.36 /4 & (pc) under same sail as at end of previous watch. appendix a

Examined and found to be correct.

appeartises at the wheel.

J. B. Moilton Dicitenant C. S. Cle Navigator

WB Caperton. Lentemant U.S. W.

LOG of the UNITED STATES Phip & SSEX Third Rate, Making passage from Newport R. S. to Southampton, Engand.

			Reading	0	WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Clear oths.	ne Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Afr, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.		6		2 1.24.2	Ch. A Ch.					1.		11	1-		nimb	0	g
1	4	8	95.3	6.96.146.	CN. JICA.	4	0	0	30.55					0.m.	nimb		V.
2	4	3	99.6			4	0	0	30.55							0	
3	4	3	3.7			4	0	0	30.55							0	-
4	3	5	7.7			3	0	0	30.55	-68	67	66	65			0	
5	3	6	11.3			3	0	0	30.55	-68	67	66	65			0	-
6	4	1	15.4		JU Ch. by Ob.	3-4	0	0	30.55	-68	67	66	64			0	
7	3	5	18.9		1	3	0	0	30.55	- 67	67	66	64	,	-	0	
	2	7	21.6			2-3	0		30.56							0	-
8		1	23.4		Qt. by N.	1-2	0		30.59			4 .		0.m.w		0	-
9	2	0		•	Otest	1-2	0		30.59	,				0	at-k	0.1	
10	/	5	24.9		WEEN				1		'	,		b.c.			-
11	1	9	26.8			1-2			30.59	,	'			v.c.	tum sunl	1	To f
Noon.	2	0	28.8	-		1-2	0	0	30.58	71	70	69	64		-	2	

97. 7 Distance	e num by Patent Log.	
Course and distance	e made good since preceding noon by observations, & & /4 &.	9 / knots. tenths.
	Latitude by D. R.	47 ° 42' N."
	Longitude by D. R.	26017 101."
Position at Noon:	Latitude by observations of O	47°43'Jb."
	Longitude by chronometer from Forenoon Observations of ②	26° 25' Oh."
	(Latitude by D. R. Low Now	47° 42' A."
Position at 8 A. M.	Longitude by Observation	26036'94."
	(Latitude by D. R. from Now	47 ° 45' A."
Position at 8 P. M.	Latitude by D. R. Longitude by D. R. Latitude by Observations of © Longitude by Chronometer from Forenoon Observations of © Longitude by Chronometer from Forenoon Observations of © Longitude by Chronometer from Forenoon Observations of © Latitude by D. R. from J. worn Longitude by Chronometer from Forenoon Observations of © Latitude by D. R. from J. worn Longitude by Chronometer from Confirment of Structure o	
Current during the	time, 6 knots tenths for hour, setting to the J 80 2 0	
Deviation of the C	ompass by Azimuth O observed at , "	0 , " ,
Water expended du	aring the preceding 24 hours,	3 60 gallons
Water	during the preceding 24 hours,	"
Water remaining o	n hand fit for use at Noon,	400 "
Coal consumed dur	ing the preceding 24 hours,	tons 400 lbs.
Coal remaining on	hand at Noon,	69 " 720 .

P. M.														0	curp.		
1	2	0	30.0	6.96/46.	Otest	1-2	2	0	30.56	70	70	68	64	6.0	cum steet	2	9
2	2	0	31.3			1-2	2		30.56							1	
3	2	1	32.8			1-2	2	0	30.55	71	70	68	64			2	
4	2	4	34.6			2-3	2	0	30.55	70	70	67	64			2	
5	2	4	37.0			2-3	0		30.55							2	
6	2	4	39.4	-		2-3	0	0	30.55	69	69	66	64			2	
			42.0			2-3	0	0	30.55	68	68	65	65			2	
8	2	O	44.0	•		2-3	0	0	30.54	68	68	65	65			2	
9	1	6	453			2	0	0	30.54	68	68	65	65			2	
10	1	8	46.6			2	0	0	30.55	68	68	65	65	4	-	1	-
11	1	6	48.2		Ol. by F	2	0	0	30.56	67	67	64	65	,		2	
Mid.	2	0	50.2		9.90.	2	0		30.56							3	
										1							

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Moderate to guttle been from Ob. N. Ob. Overcast and misty. On convex 6. 96 14 6. pour Francisco for topmast stayail and plain sail to royale lexept manisal and spouler a sailing wrest in eight me front on port quarter at end of watel. Appendical at the what.

From H to 8 P.M.

Lieutenant U.S. % Overcast and miety Light to moderate breeze from ON NO. and NON. by ON. bourse - & I & 14 & At + 20 cet studding hail. At 5.30 set lee clev of manual and at 6.10 main and miggor topenast stayeails. At end of water under all each except wrother clew of manual, main trysail aparter and gaff topeail. Dos earls in eight. Apparticular at the wheel

From 8 a. On. to merid.

bloudy. Light airs and breezes from V. by V. and Otel. B. avorates about steady. On concer & F & 16 14 & Oluded paner sail as preceding watch with expanses, be clear of maintail and starboard lower studying sail in addition. At 9.30 mustured at greaters, after which the Captain inspected the ship and crew at quarters. At about 10.00 the Captain conducted Dinner Beronce.

Apprentices at the wheel. Three sail in eight at end of watch. Designative of magazine 77°76° forward, 77°71° aft.

From Merid. to + P.M. Gusign U.F. M. Cloudy and pleasant. Eight aim to gentle breeze firm Obest Barometer falling alover. Is a sworth: alight swell from Obestuard. There said in eight during watch at end of watch under all plaim said to royals, except watch clevr of maintail with muziu topsaid and both lower studding earle, or course 6. 46/4 6. Apprentices at the wheel.

7 1 De man 7 J. Coleman

From 4 to 8 9.94

Serverally clear and pleasant. Sight to guttle brezer from Prest. at 6.45 set main and migres topmast staylarle and gaff topsail. At 7.15 took in both low studding sails at much of watch under all topmast staylarle, gaff topsail and plain sail to exple except exactle clear of maneail, on conce 6.96146. (pe.) apprentice at the wheel. Terral eight during watch. Eneign W. J. W. W. Makerlow

From 8 P. M. to Mid.

Light breeze from Objet to O. S. Ob. Clendy Move showing after 11.30. From the

sea. On come & \$6.146 under all each except studding bails, wrather lever of manisail and

main trypail apprentices at the wheel. Lieutenant & J. R.

George Sunternant Qu. S. N.

Examined and found to be correct.

J. B. Me iltore, Sientenant V. Ja. Navigator.

LOG of the UNITED STATES Phip Essex Phird Rate, Making passage from Newsport, R. I to Touthampton England

		1	U	0 0	U						0					-	-
			Reading		WIND.				BAROMI	ETER.	TEMI			State of	Forms of	Clear loths.	he Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	25	3 2	51.0	6.9646	For.	2	0	0	30.53	6.5	105	-64	62	6.1.	cum	6	d
2	3	6	54.6	0.06746.	\$01. by 9.	2-3	0	0	30.49					f.	_	0	
3	3	6	58.2	4	J. J & .	3	0	0	30.48					b.c.f.	Cum mint	0	
4 5	3	6	61.8		PON by J.	3	0	0	30.49					b.e.	ctiat rim	1.7	-
6	3	7	69.5		OH . FOH.	3	0	0	30.49						cum stead	8	
7	3	5	73.0			3	0	0	30.50							4	
8 9	4	0	81.2			3	0		30.51	'		64	64	"	cir.cum	4	
10	4	4	89.6		-	3	0	0	30.51	,			64		cum.	6	1
Noon.	4	2	93.8		į	3	0	0	30.50							8	
									-								

70. 1 Distaure sew by Sog

Course and distance made good since preceding noon by observations, \$\sqrt{88}^2\delta\$.

Latitude by D. R. Position at Noon:

Longitude by D. R.

Latitude by observations of O Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. Latitude by D. R. from None

Longitude by Observation

Position at § P. M. {Latitude by D. B. Jane) Nom/
Longitude by Chancourte from Oftenson observation of Current during the time, 5 knots tenths per hour, setting to the \$\frac{7}{3}9^{\circ} \circ.

Secretarion of the Compass by Azimuth O observed at \$\frac{7}{3}M_{\circ}\$, ship's head \$\frac{6}{6}\$. By \$\frac{7}{3}\$.

. Deviation of the Compass by Azimuth O observed at 50%,

Water expended during the preceding 24 hours,

during the preceding 24 hours, Water distilled Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

47 0 49 1 1. " 24045194. " 47 0 45' N. " 24040'04." 47 ° 44' N." 250 021 94. " 47°52'N." 23°50'W."

7 / knots.

260 43' 94.

4 . 58 ' & " Var med 28:00 %.

350 gallons.

159 209

tons 1900 lbs. 68" 1060 "

	1																
P. M	2	3	96.1	6.9646.	OU CAM					, -	,	, ,	4,	0.		0	0
1	2	1	98.2	E. by 9.	Q. PU.	3	0		30.50						cum strek	9	J.
2	4	6	2.8			3	0	0	30.49	68	67	64	64			9	
3	5	0	7.8		Par. by Dr.	3-4	2	0	30.48	67	66	63	64		-	9	
4	5	2	13.1	,,	1	3-4	2	0	30.47	67	66	63	64			9	
5	5	2	18.3			4	2	0	30.44	66	65	63	64	b.	none	10	
6	4	9	23.2			4	2	0	30.43	66	65	63	64	.,		10	٠,
7	4	8	28.0			3-4	2	0	30.42	65	65	63	63			10	
8	4	8	32.8			4	2	0	30.42	65	64	62	64		ein.	10	
9	5	4	38.2		01.901.	4	2	0	30.42	65	64	62	64	b.c.w.	cum stial.		
10	5	8	44.0			4	2	0	30.42	65	64	62	64	.,		7	
			49.9			4	2	0	30.41	65	64	62	64			6	
Mid	6	0	55.9			4	2	0	30.40	65	64	62	64		-	6	-

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

midnight to 4 a. On blear frist and part flast hour. Foggy housin last hom. Very deue fog middle part. Light to gentle breze from FOL to I. IV. Conne & IG 14 & Under same sail as in presenting watch lacept migjen topsail; that was taken in at 2.45. Apprentice at the whel.

Orom 4 to 8 a. On.

Lieutenant U. S. W.

Fair first part clouding up somewhat batter part. I settle breeze from between 9.80 and 06.80 at 4.30 single refed manisal and started frew under Boiler B, preparatory to conducing bonce 6.86146. Under same sail as pre-categorists with low studying sail in addition after 600. appendices at the whal. Down sail in eight at end of watch

From 8 a. M. to Merid.

Ourign U.S. M.

Clear and pleasant. Eight to gentle buyer from O. 90. Barometer steady. Alg somewhered and inspected crew at quarters and had diller as Jellows: 9.48 to 10.30, 1ch and 2nd Diesines, gymnastics; 3rd Diview, exercise browing and fuling neignes topeast; Indu Dinion, exercise at batter, From 10.45 to 11.45 per watch, marlinegide examanchip at 9.30 made Longitude segnal 25°07 Ch. to Bargue on part brave in account to her expalling Atlantic Jul borde).

to her expalling Atlantic Exhauged colors bargue brieting English colors and segnalling Abantic Jul borde).

At 90° clock set main tupail and at 10.25 set meyer topeast. At 9.45 commerced distilling at end of watch and sail, on come 6 F6 16 6 appendices at the wheel During watch sighted from socialing visites of which there was in wish 44 and of watch Division begins the property which there was in wish 44 and of watch Division begins to the watch of the contraction of which three were in eight at end of water Distilling with banked frew under bother B. Demperature of magaznes 77° 76° forward, 76° 76° aft. M. J. Coleman

From Merid to 4 J.M

Ousign U.J. W.

Char and five wrather . Tentle to moderate breey from N. F. M. , backing to F I by I so and it periods scraped space and 5th periods appendices had lead, log and compare Ferral earl in sight. This is her enus & F 6 14 E. until 12.30 when it was changed to E. by F. (pc.) Under topmash staypails, main trypails, gaff trypails, starband lower studding earl and all plane earl to rayale except engle ver in manual appendices at the wheel Divilling with banked free under boiler B.

Sentle to moderate breeze from FD. by D. Blear and pleasant. Fmorth esa Took in studding sails and main topmast staysail at 7.00. Exercised at refing topsails at 7.05. Took is studding topearly, then show out needs and made sail to royale. At end of evatel on cone E. by I, under all sail except studding sails main topmast stayeail and so engle net in the manisail By order of Commanding Office and on scenmen dation of the Brand them workened 30 to getting of house, endemind by Quartery Brand of Lucy Contractors blanks almost account in supported blanks of the Brand of Lucy Contractors blanks almost a land to the Brand Stocklyper Arrived Navy Yard May 1894 The sails in sight. Distilling with frew banked under boiler B. apprentices at the wheel. o Roe

Prom 8 P. M. to Mid

Lewtenant U.S. W.

E. by I. Distilling . appendice at the whole.

Murcell. Lieuterant M. In

Examined and found to be correct.

J. B. Moilton, Lieutenant & L. M. Navigator.

Thuid Rate,

LOG of the UNITED STATES Thip Essex The Making passage from Newsport, P. I to Touthampton England

un		1		1 0	WIND.				BAROME	TER.	TEME	PERAT	URE.			lear ths.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the Sea
A. M.	62 5	0	61.7	E. ly 9.	Otest.	4	2	0	30.39	65	64	62	64	b.c.w.	cum.	7	F.
			67.4	, ,	Ot by A.	4	2	0	30.37	65	64	62	63	"	"	6	1.
			72.5			4	0		30.36						,	6	"
			77.3		,•	4	5		30.35						.,	6	"
			82.3	-		1	8							0 c.w.		0	
			92.0	7	4 10		10							0.c.m.d	numb	0	
8			95.2		1.1.06	3-4								O.C.		0	-
9			96.5				5		30.30					ocd		0	-
10			98.7		A by 6.		10-5							b.o.	cim.	1'	
Noon.			10.5			4	7	- 1/4	30.30	62	62	60	62		-	2	

117. 6 Distance new by Patent Log. 109 knots. Course and distance made good since preceding noon by observations, M82 6 tenths. 48006' N." (Latitude by D. R. 21 057 101 " Longitude by D. R. Position at Noon: 48000 1 1. " Latitude by observations of O Longitude by chronometer from Forenoon Observations of O No observation " Position at 8 A.M. {Latitude by D. R. from Now. Longitude by D. R. from Now. Longitude by D. R. from Now. Now. Constitute for Singitude by D. R. from Now. Now. Confidence for Singitude by D. R. from Now. Confidence for Singitude by D. R. from Now. Confidence for Singitude by D. R. from Now. Shirts hard.

Current during the time, Control to the Now. Shirts hard. Deviation of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at 350 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, 1054 " Water distilled Water remaining on hand fit for use at Noon, 913 / tons /260 lbs. Coal consumed during the preceding 24 hours, 66 " 2040 " Coal remaining on hand at Noon,

				,													
P. M.	3	2	13.7	& 12 9.	11. 11 &	1-	,	./-	34 24	1.	1.	6-	6-7	0.	,	0	2
					N by 6.	5		-1							cum mint		
			24.1			5			30.29								
3	6	2-	30.6			4	6	12	30.29	62	61	59	62	o.d.	-	0	
4	4	7	35.3			4	6	1/2	30.28	61	60	58	62			0	-
5	5	2	40.5			4	6	0	30.28	61	60	58	64	0.c.m		0	
6	6	0	46.5		-	4-6	6	0	30.28	61	60	58	64			0	
			52.5			4-5	6							0.0.		0	
			57.8	E. by 9.	1.16.	4			30.30							0	
			63.2	6.96.126.	NE. by N.	4 10			30.27							0	
			69.0	6,96.		4-5-1			30.27						-	0	
			74.5	96. ly 6.3/46.		1			30.26							3	
			80.0	6.96146.	e				30.26				1			3	
Mid.							1					,					
printer.	1	-	-						-			Total Section 1	-	-			-

M. J. Dolman

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a lm. Colondy and damp Moderate breezes from Cheet frist part, Ot by I latter part. Barometer falling closely. Producte purell from Chestrard Conser & by F. Olinder plain each royale except sparker at end of watch, having hauled down myser topmast stayeail at 12.15 taken in main tryial spanker and gaff topsail at about 200. Apputitive at the wheel Lugle, ruef in manusail. Distilling.

Serge R. Eraus,

Onem 4 to 8 a. M. Ourcast Priety at time. Moderate breeze from Oh by S, slifting to N. N. W at yo'clock and falling light. Barontel steady. At yo'clock set main and mission topmach staysails aparter, main trysail and sparker gaff topsail and futed mission topsail. Fireal scale in sight at such of watch under all sail except mission topsail on come 6. by I. apprentices at the wheel. Distilling with free banker under boles B.

From 8 a. M. to Merid.

Standy and unsettled wrather Sight breey from A. N. W. exercing to N. ly E. and universing to moderate breeze bound E. ly S. (p.) at 55 hauled draw man and muzew topment stayually and took in manural apparatus and geff trumber 10 a. M. set them again at 1100 set man truscal at 9.30 mustred at quarters and had durarmal drills fried priorit; 2rd priorit watch blood manuragette arawauchip. A send of watch, ship on her course under topmend stayuals main tripail, geff topsial, and all plains sail to regal except under one in manurail apportunition at the bolul. Distilling with frier banked under these B. Sested magazine flood cooks and found them in good working order.

Simpulatine of magazines 71-76 forward, 76-76 aft.

Own Preside to 4 49%.

Stiff to Producte herry from A by E. Owness with drighing raw last two hours.

Long swill from Nide at 12.30 by order of Emmanding Officer changed course to E 12 of , par Fraudaud there sails in eight after 200. Fail as in preciding witch. During 5th period 1.15 to 2.15 instructed writch below in eight after 200 fail and tackle. Turfluded wittertion during 4th period or account of range writber. 5th period 3.30 to 4.00 westwated watch on deck in lead and log. Distilling with friend handed indeed bother 15. Summer and luthroated deck plates.

Apprentice at the wheel.

From 4 to 8 P.M. Dericast and cloudy Misty frist part. Moderate to stiff brey from N by E. and N. N.E. Course & 129 . Plender same sail as in preciding watch at 70 clock exercised reifing topsails and them made sail again Distilling There werels in sight. appeintuces at the wheel.

From 8 P. 9 to Mid. Light against find hour Involunte begge from 46 by 1. Come 6 12 9. Same sail as in generaling watch Baronter galling. appendice at the what Distilling.

Trongs R. Evans, Ensign a. I. M.

Examined and found to be correct.

J. B. Me illow, Leutenant & S. R. Navigator.

LOG of the United States Ship Essex Third Rate, Making passage from Theoport R. I. to Southampton, England.

			11 0	0 0							U					_	-	4
			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.	State of	Forms of	Clear Oths.	he Sea.	
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se	
A. M.	6	0	86.0	96.66.66	N. E. by N.	4	4	1/2	30.27	61	60	57	62	b.c.	cum.	4.4	£.	
2			91.5	6.98.126	N.NE.	4	4		30.27					,	-	4		1
3	6	0	97.5	6.96.		4	4	1/2	30.26	61	60	57	62			4		-
4	4	7	2.2			3-4	4	1/2	30.26	61	60	57	62	*		4		H
5	5	8	8.0	E. by 9.		4	4		30.26					,		3		ł
6	4	7	12.7	.0		3-4	4		30.25					"		2		l
7	4	7	17.4	6/2 9.	A by 6.	3-4	4	3/4	30.25	60	59	53	63	O.c.	cum strat	0		ł
	4	4	21.8	& : h, 9.	1. 46.	3-4	4	3/4	30.25	60	59	53	62		"	0		ı
8	5		27.0	6.98 /2 6.	16. by 1.	3.4	4	1/2	30.29	60	58	54	62	b.c.	cum.	1	-	1
9	3	8	30.8	E. ly 9.	. 1. 16.	3.4	4	1/2	30.29	60	59	54	63			1	-	1
10	3	7	34.5	6 96:126.	NE. by N.	3	4	1/2	30.30	60	59	54	63		cir. um	4		
11	2	2	36.7	6/29.	North	2-3	3	1/2	30.30	61	60	9.9-	63	-	atrat.	7		1
Noon.																		1
						1	-		1		1	_	2500000		-	-	-	4

126.0 Distance were by Potent sog.	
	//O knots. tenths.
(Latitude by D. R.	48 006 M. "
Longitude by D. R.	18 053 104. "
Position at Noon: Latitude by observations of ©	48 005.1.11
Longitude by chronometer from Forenoon Observations of O	19 012 104. "
(Latitude by D. R. fund Some	4800511.11
Position at 8 A. M. Latitude by D. H. furn Norw	19 033 194. " 48 06 1 Nr. "
(Latitude by D. U. from Norm	48006.1. "
Position at 8 P. M. Longitude by D. R. from Noon (No afternom observation)) 18 0 38 Oh. "
Position at 8 P. M. Latitude by D. R. from Norm (No effection) observation (Longitude by D. R. from Norm) Cloudy Current during the time, 12 knots rethins per hourspecting to the \$852 W	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth O observed at , "	0 / "
Water expended during the preceding 24 hours,	350 gallons.
Water distilled during the preceding 24 hours,	1112 "
Water remaining on hand fit for use at Noon,	1675 "
Coal consumed during the preceding 24 hours,	/ tons /560 lbs.
Coal remaining on hand at Noon,	65 " 480 '

Р. М.	2	1.	38.3	6 1/2 9.	Sorth	12	10.15	0	30.28	61	1.1		1,	2.	cir.am.		2
			40.8	6 72 3	I. by W.				30.28					v.c.	·.	4	
			43.6			-	6-15		30.28							4	
			46.5		-	3	10-15		30.27							3	
			50.1	83/4 9.	N.N.E.	3	6	0	30.26	61	60	55	63			3	
6	3	2	53.3	6.96/26.	NE. by N.	3	6	3/4	30.27	61	60	55	63			2	
7	3	8	57.1	6.96.	. 0	3	6		30.28							3	
	2	3	59.4	96. 6, 6.3/46.		3	6		30.28							3	
			60.6	96. by &.		2	5		30.28						cure suit	2	
10			61.0	96		1-2	5		30.30						-	2	
11	1	0	61.2	€ 1/2 9	Storth	0-/	0		30.3/							3	
Mis	1	2	62.4			1-2	0	,	30.32							3	
MIG.																	

Commander Louis Tingsley Chednesday, august 15

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M.

blondy and pleasant. Moderate to gentle variable breeze from NE by N. to N. N. E. B. avoneter falling elightly a large tramp steamer passed on stailorand bram standing to Ed. Dighted as a acting write on stailorand bram at each of watch. At end of watch under all sail except muzin topsis and single neef in minimal class hauled on port tack heading E. 9. E. Conre E 12. S. Distilling. appendices at the wheel.

Cloudy and cook. Senth to mederate beezer from No NE. and No by E. This relling easily to long sull from the Not. Ternal soil and one stramer in eight all standing to the Ell-Course E. 1/2 F. (pc) at end of watch ship by the wind on port tack under same while as at end of previous watch apprentices at the wheel. Distilling with free banked under botter B. Caperton

From 8 a. M. to Merio

Lieutenant U. J. N. Nortenate to light breeze from No. by N. to North. Cloudy first two hour cleaning last two. Dong everl from No. and Ed. at 9 30 mustered been at quarters. During first and exemp periods 9.45 to 11.45, instructed all apprentices in seamonship to audid up wrather clear of manuscil at 10.45, to impoor draft in engine noon. On port tack under all sail except studing sails, wrather clear of manical and myzer topsail. I citilling with frier banked under biler B. One sail in eight on wrather quarter, standing to Ed. Demperature of magaziner forward, 76° 76°, 76°, 76°, 76°, 90 personal at the wheel.

Orom Merid. to 4 P.M Lieutenant U. J. W. bloody to clear I sutle been how thath and I by the Ander same sail as in parceeding watch bound of 12 g. Eng sull from Nd. Distilling. One sail in sight about wather brand standing to Ed. Appendicion at the what Fund out small stores and clothing.

Tuentenant U. J. Ok. Our 4 to 8 S.M. Cloudy Gentle heese from N. 6. by N. Moderate everll from the N. 6. Barometer almos steady. Comme & 12. 9. By the wind on post tack under same sail as preciding watch at 7.00 put three engle neefs in the topsails and fueld topgallant sails and royals. Flood ont reefs and made sail again Destilling appendices at the wheel. Jange R. Evans,

From 8 S. M. to Mid. Guerge U. J. W. blody and pleasant. balow to light breze from North. Bacometer viewing al 8:30 trok in main trypail afacker, main and mysem topment stayuals and gaff topsail and al 11:30 est stayuals and appellen at exact water under all plain sail to exact all etaysails Distilling appentice at the wheel.

n. I. Colman Guerge U.S. M.

Examined and found to be correct.

J. B. Me'illere, Linkmant On S. Or Navigator.

Thip Essex

Third Rate,

LOG OF the UNITED STATES		
On 1. 0 On	100,000	6 ,
Making passage from New	port R. J. to Touthampton	Ingland

			1 11	0 0	V	'						U			(
			Reading		WIND.				BAROMI	ETER.	TEM	PERAT		State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway,	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	18	9 5	62.6	6/29	Sorth	0-1	5	0	30.26	61	60	55	63	b.c.	cum uiml	,	£
2	0	2.	Hauledin			0-1	6	0	30.26	61	59	55	63	7		1	
3	0	5			.,	0-1	6	0	30.26	61	59	55	63		-	1	-
				No steerninger	balm.		8-6		30.26		,					1	
4	0	0		No steerageway			15.15		30.25					,	cum strak	3	
5	0	0	1				10-16		30.26						cir cum	4	
6	0	0			East		17-17		30.26							4	
7	0	0			696.		10-10		30.27							3	
8	0	8		N & by A.		100										5	
9	2	3	62.6	16/26.	96.	2	4		30.28								
10	4	D	66.6	1 6 3/4 6.		2-3	4		30.29					***	123	5	
11	4	3	70.9			4	4	1/2	30.30	64	63	61	63			5	1
			76.1	No 6. by 6.		4	5	1/2	30.31	64	63	61	63			4	
Noon.	0	~	12.	1													
-	1	-				-			-	_		-	-		-		-

47. 0 Distan	er um by fog.	
Course and distance	e made good since preceding noon by observations, \$4 6.	39 knots, tenths.
	(Latitude by D. R.	18018 19 "
	Longitude by D. R.	18018 194 "
Position at Noon:	Latitude by observations of ②	4800911."
	Longitude by chronometer from Forenoon Observations of ②	18015.94"
	(Latitude by D. R. from Now	47 0 58 'N. "
Position at 8 A. M.	Latitude by D. R. from Now Longitude by Observation	18 0 26 104. "
	Latitude by D. B. from Nom Longitude by Chemometer from afternoon observations	48045'N."
Position at 8 P. M.	Longitude by Chemomoter from afternoon observations	17047196."
Current during the	e time, 8 knots tenths per hour, setting to the \$14-6.	, ,
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 /
Deviation of the C	ompass by Azimuth O observed at , "	0 / //
Water expended di	aring the preceding 24 hours,	350 gallons.
Water distil	led, during the preceding 24 hours,	1/37 "
00000-	n hand fit for use at Noon,	2462 "
Coal consumed dur	ring the preceding 24 hours,	1 tons 9 6 0 1bs.
Coal remaining on	hand at Noon,	63 " 1760 "

P. M.																
1	5-	6	81.7	N & by 6.	F6.	4	7	3/4 30.31	62	61	60	63	b.e.	circum.	6	L.
			86.7	NE. by 6.3/46.	96. by 9.	4	5	3/4 30.30	62	61	60	63		~	8	-
			91.4		96. by 9.	4		3/4. 30.30	63	62	61	63			8	
			96.6	S. N. B.	9.96.	4-5		3/4 30.30							8	
			2.8	NE. by & 12 6.	96. by 9.	5	6	3/4 30.30				1			8	
			9.0	163/46.	ge.		6	3/430.30							8	
			14.9			5	6	3/430.30						-	8	
			19.7	N 6. by 6.			6	3/4 30.30							8	
			24.3	16.3/46.			6	3/4 30.34						cum.	5	
			28.7	NE 14 N.			6	3/430.36						cir cum.	y	
			32.9	16/46	,	5		3/430.38						-4	1000	
			37.5				6	3/4 30.39								
Mid.			1.					1								
-	1.	-				-	-	-	-		7.0000					-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m.

down main and migrow topmach stayould air from North balon last home at 12.45 hauled down main and migrow topmach stayould and took in spanker. Even & 15 (pc) Barly steinaguray fruit three home; no steinaguray last home at each of watch under topmach stayould and all plain said to wyele sareful parker and enight rest of w manisal Deling contactly to long energy from N. N. Cappenties at the wheel. Distilling with free backed under boiler By Deaperture.

Lieutenant U.S. 91 Calm until last how then light air from E. F.G. Dair and placeaut. Long curl from Ad. Dork in topgallant scale royale, flying jit, from topmast staypail and hauled up times at 4 so to prevent chafe. At 7 30 set some soul. At end of watch by the wind on starboard tack, under for topmast staypail and plain sail to royale except spanker and a single rest in mainsail. One each in sight Distilling with free banked under like B. appendice at the wheel

Oum 8 a. M. to Merid Clear Light to moderate brezo from FE. At 8.10 set examber and stayearle. At 9 clock set gaff topsail and at 10.30 man trysail; into their additions, under same sail as in perceding water Conner & 1 of at 9.30 mustered at quarters Exercised and instructed apprentices, 1 of period in gunnery; 2nd period the water below had eighal One sail in eight. Tong well from N. N. 6. apprentices at the whole Dictilling Designative of magazines 77 76 found 76 76 aft Breaking will Commactive store som.

From Merid to 4 S. On

Lieutenant U. J. W.

Clear Moderate breyer from SE varing gradually to S. F. as end of watch and fushering alightly last how. Iteady baronete. Conser & by S. By the waid on the starboard tack under same and as preceding watch of one was trypical at 1.15 and set it again at 3.30. Detilling appendicion as whele Instituted appendicion of Jenry of which Chief Engineer & J. Eabighuet is senior member, securing and condemned eight half burely of which Chief Engineer & J. Eabighuet is senior member, securing and condemned eight half burely of which Chief Engineer & J. Babighuet is senior member, securing and condemned eight half bancle of flow, purchand flow the manhatlan Eupphy Company Contractor's april 14, 1893, passed by Bracel of Inexpection Nany Yand New York, Exptente 1892; by when of the Caftain, the said eight bancle of flow were themen werdward, the same having been declared deletions to the health of the ships company. Storge R Levaus.

From 4 to 8 P.M.

Guerge W. J. M.

Partly cloudy and cool Moderate to stiff been from 96 by 9 to 96. Barmeter steady. WH 4.50 took in gaff toquail. At 70 clock called all hands ref toquaily took a single ref in topical, full regall and of watch under all plane sail to topicall alled a such of watch under all plane sail to topicall which was been sail to topically and main trysail, heading N.E. by E. Comer E. by S. appendices at the whole Distilling.

From 8 P. M. to Mid.

From 8 P. Dr. to Mid.

Sueign U. F. M.

Clear and cool. Bright mornlight. I tiff brened from FE. Corner E. by I. until 10
0'clock when it was champed to E. FE. (pc.) Thip by the wind on starboard tack wider some cail as at end of previous watch. appendice at the wheel. I topped dictibing at 11.50, the tacks bring fill.

W.R. aperlon. Lieutenant U. In.

Examined and found to be correct.

J. B. Mailton. Lieutenant U. S. N. Navigator.

Third Rate,

LOG of the UNITED STATES Thip ESSLX Third
Making passage from Newport A. S. to Southampton England.

			Reading		WIND.				BAROME	TER.	тем	PERAT	URE.	State of	Forms of	Clear Oths.	ne Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balls,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Sea
. M.																	
1	4	0	42.4	On 6.14 6.	96. by 6.	5	6	3/4	30.40	60	59	58	62	b.	none	19	L
2	4	1	46.4	,	7	5	6		30.40							10	
3	3		49.5			4	6	3/4	30.40	60	59	56	62	b.c.	cir.	9	
4		Ì	52.2			3	5	3/4	30.40	60	59	55	62		cum.	8	
5	2	1	53.8	163/4 Nr.	6.96.	2-3	3	3/4	30.40	60	59	55	62		cir.cum	7	
6		5	55.4	N.NE. 146.	6. by 9.	3	4	3/4	30.41	60	59	55	62			7	-
7			57.8	A by 6.3/46.	.0	3	3	3/4	30.43	60	60	56	62		-	7	
8		0	59.8	1.16		3	4	3/4	30.45	61	61	57	62			8	
9	1	6	61.4	1.16/26.		3	3	3/4	30.45	62	61	56	62			8	-
10	1	3	62.7	16. by N.	6.96.	3	5	3/4	30.47	62	61	56	62			7	-
11	1	0	63.7	N & 1/2 N.		2	5	3/4	30.47	62	61	56	62		1	8	
li loon.	1		'	16.	96. by 6.	2	5-	3/4	30.48	62	61	56	62			8	1.

92.4 Ditauce new by Potent Soy.

Course and distance made good since preceding noon by observations, N by & 3/4 &. 88 knots. tenths. 49 0 33 1 1. " (Latitude by D. R. Position at Noon: Longitude by D. R. 17021104." Latitude by observations of O 49 ° 34' N." 17 0 33 ' 94 " Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D. R. from Noon Longitude by Observation 49°28' N." 17°34'01." Position at S. P. M. {Latitude by \(\overline{Q}\). H. from Norw

Longitude by Chemenuter from afternow observation of Current during the time, \(\overline{S}\) knots teaths \(\overline{Per hour}\), setting to the \(\overline{N} \) 83 \(\overline{S}\). 17028.01. , ship's head Deviation of the Compass by Azimuth ⊙ observed at 0 , Deviation of the Compass by Azimuth ⊙ observed at 4 50 gallons Water expended during the preceding 24 hours, 650 " Water distilled during the preceding 24 hours, Water remaining on hand fit for use at Noon, 2662 1 tons 860 lbs. Coal consumed during the preceding 24 hours, 62 " 900 " Coal remaining on hand at Noon,

P. M.																	
	,	5	65.2	NE. by 6.	96.	2	2	,	30.50	62	60	56	62	b.c.	civ. cum	9	F.
			65.8	N6126			2		30.49							9	
			65.9	NE. by 6.	9.96.	1	2		30.48				,				
			66.0	6.18.	South		2									9	,
				no steerageway	Calm	0	0		30.46						,	9	
			Harled in			0	0		30.48							9	
									30.49							7	.,
						0	0	0	30.49	63	61	57	62			7	
						0	0	0	30.49	62	60	56	62			9	
				East	9. by 01.	1	0	٥	30.49	62	59	56	62			9	
				6.96/26.		1	0	0	30.49	61	59	56	62		4.	9	
Mid.						1	0	0	30.49	61	59	56	62			7	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M.

Stiff to grutle breeze from SE by E bleav and cool Bright mornight.

Long everly from Na and Ed. By the wind on start and tack under all stayouls main trustile and plain sail to topogallant sails except as single reef in the manuscul apprentices at the wheel.

Drow 4 to 8 a Ch.

Lieutenant & S.A.

Clear Light to gentle brey from E. F.E. and E. by F. At 5.45 took in main trysail and at 7 a. M. the wather clew of mainsail was hauled up to avoid back dual down shook stack bommenced distilling at 6.30. Emer E. 96. Under stayanly and all plane cail to topgalland early entitle engine refer mainsail and wather cless hauled up. Long auntly from N. N.E. Or early in eight to windward. appendice at the wheel. Flushed and cleaned the belges.

From 8 a. M. to Merid.

Clear Light airs to gentle breezes from 6 by F. to F6 by 6 at 9.30 mustered at greaters. At 9.35 called clear ship for action Founded to General bluaters: Diricina reported ready at 9.44. The Captain inspected the durinous at greaters Commenced various at 9.35 and secured at 10.04 balled to quarters and event and event and clear bags and hammocks shifted them, got up hammock guilline and made preparation for something bags and hammocks. Temperation of magazines 76-76- forward, 75-75- aft.

Cappentice at the whele their favorater bleand begin undescripe and fire rome.

Forge R. Evena, 94.89.

Dean Reind. to 4 P.M. Clear and pleasant. Light aire to light herry from \$6. to First Baroneter falling slightly. Further bags and hammocher and undeadle. Lighted as their madest steamer stearing to the Eastward at each of watch under all tegmash starpade backy under stearing of hair to wyste except weather clear of maineail and all tegmash starpade backy under stearing of the 12 Color hauled on starband tack heading 6. No 12 6. Conce 6. 36 12 6. Copyritable at the what Dictilling with banked fuer under balon B.

Own 4 to 8 GM.

Clear and fine wrather balow No eterrageway. Consu E. 9672 6. (po) At 4.30 hauled show main and migral topmark staypails, took in spacker and hauled up ances to prevent chaft, At 7.10 zet conses and flying jet At 7.10 mentuch at quater and tuned in chair hammores and bage. At emere and flying jet At 7.10 mentuch at quater and tuned in chair hammores and bage. At emere and from topmark staypails and all plain earl to royale except angle reef in manoraband aparker. Distilling with frie backed under botter B. apprentices at the wheel. More rose of 4.48 und to Five Guarter all Finisher exposed under four minutes. Secured at 474 f All stayper.

From 8 P. M. to Mid.

Calsu frict how, then light airs from F. by & Fair, cool and pleasant Fmorth sea. Bright mornlight. At 11.30 set main and migrou tremast stayuale. At end of watch on correct 6.86 126., on startoard tack, under all stayuals and all plan sail to topgallant sails, except apartur and a single rest in the mainsail. Distilling with free banked under boiler B. Appuntices at the what.

Go R. S. Sientenral & F. J.

Examined and found to be correct.

J. B. Moilton, Sintenant Q F. M. Navigation.

LOG of the UNITED STATES Phip Essex Phird Rate, Making passage from Newport, R. J. to Southampton, England

			11	1 1		' '						0		1				
			Reading	COURSES STEERED	WIND.				BAROME					State of the Weather,	Forms of Clouds, by	f Clear 10ths.	State of the Sea.	
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	by symbols.	symbols.	Prop. of Clear Sky, in 10ths.	State of	
A. M.	7														cir .cum.			
1	1	0	Hauledin	6.96/26.	P. C. by S.	1-2	0	0	30.47	62	59	56	62	b.c.	cum.	6	9	
2	2	0	66.1		0	1-3	0	0	30.46	62	59	56	62		-	4	-	
3	2	2	67.6		.,	1-3	0	0	30.46	62	59	56	62		"	4		
4	2	5	70.2			2-3	0	0	30.45	-62	59	56	62	4	-	4		
5	3	3	73.5	-	£4.	3	0	0	30.45	-61	59	56	62	-	,	4		
6	2	6	76.2			2-3	0	0	30.46	61	60	57	61			2		
7	2	8	79.0		a.	2-3	0	0	30.45	-61	60	57	61		tir cum	1		
8	4	4	83.4			3-4	0	٥	30.40	562	60	57	61	-		4		
9	4	9	88.3			4	3	0	30.45	-62	60	58	61	-	cum aint	1		
10	5	3	93.6		991. by 94.	4-5	3	0	30.45	62	60	58	61	-	Cum . meriel	4		
11	5	5	99.1	-	. 0	5	3	0	30.45	63	63	60	61		cir aum.	5		
	6	,	5.2			5	2	0	30.44	63	63	60	61		.,	6	-	
Noon.																		
						-	_	-	-	-	-	description of the last			-			

49. 7 Distance run by Log.

Course and distance made good since preceding noon by observations, 6.46/26

(Latitude by D. R.

Longitude by D. R.

Position at Noon: Latitude by observations of O

Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. Latitude by D. R. from Norm Longitude by Obstination

Position at 8 P. M. (Latitude by D. H. from Norw

Longitude by Chernemeter from Afternow observation o

Current during the time, /3 knots tenths per bour, setting to the & 35 ° 6

Ovac.

Deviation of the Compass by Azimuth O observed at # O. W., ship's head & F &

Deviation of the Compass by Azimuth O observed at 400, "

Water expended during the preceding 24 hours,

during the preceding 24 hours, Water distilled

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

Sy knots.

49 ° 39 'N. " 16.019 191. "

49 °50 ' N. "

16 007 '04. " 49°51' N."

16 0 41 '94. "

49° 48' N."

140 54' %."

230 22' 04

4 ° 06' 6. " Var. used 24° 35 W.

1000 gallons.

931

2593

1 tons 960

60 " 2180

P M				¢													
P. M.	3	0	8.2	6.96%6. 6.96.	9 04. by 04.	5	3	0	30.44	64	63	60	61	b.c.	cir.cum.	5-	9
			17.4			5	3	0	30.43	64	63	60	61				
3			23.5			5	3		30.40							7	M.
			29.5			5	3		30.40			,				y	
			35.9			5-	3		30.40								
			41.7			5	3		30.40							5	
			48.0			5			30.40			,			cum strai	4.4	
			54.0			5	3		30.40						4	2	
			60.3		.,	5	3		30.39							5	of
10			67.0			5			30.39						"	5	
			74.3		O4. P.W.	5			30.38							4	
			81.8				3		30.37						cum.	4	
211G.	1											,					
-	76.	6	4-265					-	-					7 7 7 7 8 8			-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Fair to clear. Light airs to gentle breeze from I & by F. At 2.45 act openhive and migger topical, with this addition, under same sail as in preceding worth. Distilling. J. Purcell

From 4 to 8 a. On Lewtenant U. S. W Partially cloudy. Light to gentle breeze from PM. by F. and FN. Barometer about steady. Course & F6/2 & Under all plain each to royale with staysails and mixing topsail except enight neef in manuscil. Engaged in chaning ship. appendice at the wheel. Distilling Imooth sea Frage R. Evens.

From 8 a. M. to Merid Guign U. S. Ol Clear and pleasant. Moderate to stiff breef from FOR to FOR by W. Barometer steady. Finished washing down and cleaning skip. at 8.45 set starband lower studding soil. at 8.15 set main tripail and gaff togeail. Inch workend I cost life preserver from life book at end of watch under all plane pail to engals (except enigle neef in the manuscrib) and all topmast stangails man tripail gaff topeail and starboard lower dudding earls on course 6.86 % 6. appuration at the wheel. Throothe sea Demogration of magazine 75° 74° forbard, 74° 74° aft. Distilling with banked frice under Boiles B. Condemned by Anathy World of Turny and their workand 35% be back, Contractors Thosp and Peruse, Jan 1892; and 9 lb treaters, Contractors, F. H. diggett and be. April 1890.

Oun Merid to 4 J.M. Come Therew is the conce of the first first of the by & Ship on her conce & FE'12 & (pc) until 12.30 when it was changed to & F. G. (pc). Under some said as at end of previous watch appendices at the wheel At 2.45 turned in secultred bags. Distilling with backed free under the properties at the wheel of 2.45 turned in secultred bags. biles B. Moderate surl from SW. XV. A. Xapurlou

Fift breeze from Ich by & Fair and cool a course & F. Door in studding pail at 7.00 and main timpail and fron topinal staypail at 7.45. At 7.00 exercised at resing course. It and of exercise turned are from of manuscial at each of watch under plain sail to work and muzzo get topical and two sail wrests in right Distilling with banked free muder bills 16. apprenticio at the what.

From 8 P. M. to Mid. Lieuteward Cl. S. M. Clear. First hery from For by the to O. F. O. A 8. 06 stopped distilling and allowed frier to die out under 13. boiler. At 10.31 hauled stown main topenact staysail diet this exception, runder some sail as in preciding watch bours 6. F. 6. Apprentices at the wheel

Directle Statement W. S. W.

Examined and found to be correct.

J. B. Mo ilton. . Lieutenant Ch. For Navigator.

Geor Rocall,

LOG of the United STATES Thip Essex Third Rate, Making passage from Newport, a I to Southampton, England.

			1 11	1 1	0							U	-		/		-
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT		State of	Forms of	of Clear in 10ths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of the Se
A, M.	76	6	89.4	6.96.	9 % by %.	5 5	5		30.32			/		b.c.	cum.	4	&.
3	7 8	7 0	5.1			5	6.3	0	30.30	62	61	59	61	,		1	
4 5	8	2 5	13.3		04.994.	5.6	6-3	0	30.30	62	61	59	61	0.0.	ninh.	0	··
6	8	4	30.2			6-7	5		30.26					0. c.d.m.		0	
8	8	4	46.9			7	5		30.26			1		0.c.m.d.		0	
9	7 8	3 4	62.6			7	5	0	30.27	62	60	59	61			0	-
Noon.	7	9 2	70.5		*	7-5	5-		30.24							0	
			-										-				

172. 6 Distar	ne um by Patent Log. IR	
Course and distance	e made good since preceding noon by observations,	16 y knots. tenths.
	Latitude by D. R.	167 knots. tenths. 49 ° 44 ' Nr. " 11 ° 42 ' Ot. " 10 observation - ' - "
	Longitude by D. R.	11 042 04. "
Position at Noon:	Latitude by observations of ②	o observation - ' - "
		o observation - ' - "
n	(Latitude by Q), R	49° 43' N. "
Position at 8 A. M.	Latitude by D. R. Longitude by T. R.	12 30 94.
Darleton at 0 D W	Latitude by D. R. from Nom Longitude by Chumomtu from afterno observation time. knots tenths per hour, setting to the	49°34' N. "
Position at 8 P. M.	Longitude by Chromenter from afternom observation	11°03'04."
Current during the	e time, knots tenths per hour, setting to the	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the C	Compass by Azimuth O observed at , "	0 / "
Water expended d	uring the preceding 24 hours,	350 gallons.
Water distil	during the preceding 24 hours,	357 "
Water remaining	on hand fit for use at Noon,	2600 "
Coal consumed du	ring the preceding 24 hours,	tons 1800 lbs.
Coal remaining on	hand at Noon,	60 " 380 '

==	-	-	-	-			-			_		1	-	Market Street	The second second second	1		1
F	. M.																	
	1	5	2	82.9	96.46.	St 94. by 94.	5	4	0	30.23	62	60	59	61	oc.f.d.	numit	0	M
				87.6	. 0	, 0	4	0							0.0.m.			
				92.3	,,		4	0	0	30.25	63	62	61	61			0	
				97.5	,		4	0	0	30.25	62	61	60	61		-	0	
				3.0		A 94.	4	0	0	30.25	-62	61	60	61	b.c.	cum mint	1	
				8.7			4	6-8										
				14.1		1 % by 1.	4	6							0.c.d.			
				19.2		494.	4	6		30.23								
				24.2	6.98/46	N 94. by 04.	4	0	0	30.25	61	60	58	60				
				30.0		NOV. by Nr.	4	0	0	30.25	61	60	58	60	A.c.	"	0	
	11	5	5	35.5		A. N. O.	4	0	0	30.24	61	60	58	60			0	
				41.8			4	0	0	30.25	61	60	28	60			0	

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

blondy. Thom and a few stars accasional inside. Itelf beyes from the FOR by OR. increasing slightly last how. Orodusts long such bonnes E. F.E. Under plain sail to words with migger topmash staypail; migger topical and gaff topical apprentices at the wheel. Baronter falling slightly. Midnight to 4 U.M. Jange R. Leirais, E. Eusign U.S.M. From 4 to 8 a. M.

Overcast and miety. I such to very field breeze from Or. I'll. Moderate sea from Or. I'll. Moderate sea from Or. I'll. increasing Baronite falling. I work in said as follows: at 5.0 royals and flying jil; at 6.15 gaff topsail: at 6.30 misses stopmast staysail; at 6.35 spanker. At end of watch under plain said to topgallant sails except spanker, on conver E. S.E. apprentice at the wheel in Eusign Qu. J. W.

From 8 a. M. to Merid.

Cloudy, thick and driggling rain nearly all of watch. Of ind only fresh from OHO. secunds to AOI last ten montates of watch and moderating in force. Come 6.96 (pc) until 12 Noon, whom it was changed to FE by E. (pc). At 11.48 hauled up maintail. At end of watch under all plain sail to topgallant saile except maintail and eparker. Appendice at the wheel Demperature of magazines 73° 71° found, 71° 69° aft.

From Merid to 4 P.M Indication of Council with the moderate been from N. 9. by 9. Our cash and miety, with for first how.

Indication of cleaning wather last how. The regate following sea . Sounded for how with 1.5. Qt 1.15 act

royale. On conce 95 yes, per Itandand under plain sail to royale except flying jet, maneral and spanker.

Gased as log exhalt of persposes. Hayroused and bauled me on board. Apprentices at the while

Lieutenant Ql. F. M. From 4 to 8 P.M Cloudy Overcast last part, with occasional light passing alonnes of duzzling name Moderate bodge from It the and It the It I to at the clear of manisail: at 5.30 mizzon topomast stayonal and apparetue with this addition, under acome sails as in preciding watch. Thodewate sea from NI. Apparentices at the wheel.

From 8 F. M. to Mid Lititewant U. J. M. Oricast and cloudy wather Product begue from hiteren & P. by M. and N. 40h.
Brownette about steady. Moderate sea. At 8.20 changed course to E. FE 146. Under same sail as preceding watch with weather clew of mainsail and main topmast claysail in addition after 900. appendice at the wheel. Occasional light sprinkle during watch.

George Reviews.

Teme Rtevaus. Eusign Q. F. W.

Examined and found to be correct.

J. 13. Moilton Leeitenant U. S.M. Navigator.

OG of the United States Phip Essex Third Rute, Making passage from Newport R. S. to Touthampton England unil. o M. 0 30.25 60 59 57 60 O.e. 6.96.146. St Ot. 4 0 47.4 5 0 30.24 60 59 57 60 . 0 4 0 0 52.4 0 30.23 60 59 57 60 cum ruint 0 56.7 .. 0 4 0 0 30.23 61 60 58 60 7 60.4 1.104. 0 30.22 60 59 56 61 4 0 65.5 0 30.22 60 59 57 61 A by 04. 3.4 0 4 69.9 3 0 0 30.2160 59 56 60 1 74.0 3 0 0 30.21 60 59 57 66 7 77.7 9 . 2 0 30.22 61 60 57 61 3 0 80.2 0 30.22 63 60 58 61 3 0 3 825 2 0 0 30.22 64 62 59 61 3 Of. J. Ot. 2 0 83.3 2 0 0 30.22 65 64 60 61 Noon, 2 0 84.1

				1 1 1	1 1
109. 9 Distan	wo um by La				
Course and distant	e made good since preceding noon	by observations,	96 3/4 6.	93 knots.	tenths.
	(Latitude by D. R.			49035	A. "
	Longitude by D. R.			90151	04. "
Position at Noon:	Latitude by observations of O			49 0 23	S. "
	I it de la checonomotor from	Forenoon Observa	tions of ⊙	9027	01."
	(Latitude by D. R. hom Non	v .		49 ° 23	A. "
Position at 8 A. M.	Latitude by D. B. from Normalia. Longitude by Chromondia for Latitude by D. R. from Normalia. Latitude by J. R. from Normalia. Longitude by J. R. from Normalia. Longitude by L. k. from Normalia.	m Forwow oh	rewation 0	49 0 23	ev. "
	(Latitude by D. R. from Mo	m		49027	N. "
Position at 8 P. M.	Longitude by D. R from A	inv		8 0 43	Q. "
from 5 P.M. Current during th	aug. 19 tenths	per hour, setting t	o the \$ 01.12 \$		
Deviation of the (ompass by Azimuth O observed at			0	
Deviation of the	ompass by Azimuth O observed at	, "		0	"
Water expended d	uring the preceding 24 hours,			35	o gallons.
Water	during the preced	ing 24 hours,			и
Water remaining	on hand fit for use at Noon,			223	50 "
Coal consumed du	ring the preceding 24 hours,			tons 20	o lbs.
Coal remaining or	hand at Noon,			61 " 80	

-									-									-	
	P. M.				6.961/46														ı
	1	1	0	85.2	6. ly 9.	Ot. by N.	2	0	0	30.22	65	64	60	61	b.c.	aum wind	2	9.	
				87.1	1	. 0	2	0	0	30.2/	65	64	60	61			2		ı
				89.7	**	Ot. by 9.	2	0		30.21						,	0		
				93.1		9. 99.	2.3	0		30.20								100	
				97.8			4	0	0	30.18	62	61	58	61	0.c.d		0		
				1.7		9 04. by 04.	4	0	0	30.14	62	61	58	61	0.e.w	cum mil.	0	T.	ı
				6.1		\$ 04. ly 94.	4	0							0.c.d.u				
				11.9		991.	5	0							0.c.m.		0		
	9	5	20	13.1	96/26.	Q. FU.	6	0		30.09				61		4	0	8	
				23.8	96. by 9.	,,	6			30.09									
				29.1	96. 1/2 6.			5		30.07							0		
				34.0			6-4	5-		30.07					-		0	-	
	Mid.		1				1												

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. m. Overcast. Thorderate to gentle breeze from N. G. Baroneter falling. at 1.15 took in apparker and at 3.40 took in connex to take a sounding. At 3.50 got sounding in 71 fathous, yellow sand, black exects patient by nading 60. At end of with under plain sail to royale except flying jit, epanker and connex, on evener 6. 96 14 6. appartices at the wheel.

Dem 4 to 8 a. m.

Ensign U. F. M. blondy and cool Products to gutte here from N. A. Ob., vering to A by St. Flip on her comes & \$6/46(pc) At 4.30 set flying jil, for topmast staypail, manisais and aparker and at 7.30 set port lower studding earl . At 7.30 get a sounding in about 67 fathour water bottom grey sand with black and brown appeters and book to the water had brown appeters and book to the control of the said of water under all topmast staypails port lower studding sail and plain sail to egale. One sail in eight on starboard quarter liquentries of the what

From 8 a. M. to Mend.

Tuitewant Ch. 9 9 Sentle to light breen from No by Ob. backing to Ob. NO. last two hours. Cloudy and pleasant.

Smooth are Mustered were at gracter at 9.00. During 1th and with periods, 9.45 to 11.45, instructed apprenticis in a wantle of 10.30 to the in all staywards, aparent and flying jil. At end of watch under part atudoling and wall plains sail to rapide, except flying jil, manisail and aparente. One sail in sight patern, standing to Not. and Ed. 10.10 get a considing in 80 fathoms of water bottom yellow said black aftered. Desegration of magazine faund 72. 16. 41 46.60. Committees at the whole. 72-70-, aft 70-69. apprentices at the wheel.

Gen Rlac Lieutenant U. S. N.

Cloudy Ourcast last part. Slight to gentle herry from the light to Ch. 9th. Ot 12.35 changed crue to E by S. At 3.15 art main and suggest topmast staysails, spanker and flying jet, with this addition, under the same sail as in precious watches interested appreciatives as follows. 3rd precios practical reasonably, it is precious growing; 5th prior lead and log. appreciatives at the wheel. One sail in right.

From 4 to 8 9.0m

Lieutenant Q. J. O.

Orneast cloudy and misty. Occasional light sprinkle Involvate increasing to early breyow at end of waters from A. I. M. to I M. Falling baronets. At some 5.00 took in again main and migger typinal staysails aparter and migger typinal Hauled down flying jit. At about 6.50 put a single need in the preside and near topgallant early. With these exceptions same sail as pureding watch. Enuce E. by I. at 7.50 obtained counding in 78 fathour water, light yellow sand, black apreker and broken shell. appendices at the wheel.

From 8 J. M. to Mid.

Truge Ritones

Dion's P.M. to Paid.

Overcash and micty. Fresh to very feals breeze from P. Barometer felling at 9, 30 took in topygalland early. At 9.40 troch acoust usef in topygalland early at 9.61/2 6. patent bog reading 13.1 and sets wrather clar of mainsails. At 8.30 set for topygalland stayeail. At end of watch under for topygalland, jit, course and single welled topygalls on come T. 6 12 6. appendice at the whall

Gusign U. F. W.

Examined and found to be correct.

J. B. Me illere Lieutenant & S.M. Navigator.

Third Rate,

LOG of the United States Thip Essex The Making passage from Newport, R.S. to Southampton, England 96/26. 0 30.06 63 61 60 61 0 and mint 0 Q1. 994. 5.6 4 4 5 38.5 0 30.04 63 61 60 61 5.6 4 . . 0 4 4 42.9 Of est. 5.6 4 0 30.04 63 61 60 61 4 2 47.1 5-6 4 0 30.02 63 61 60 61 4 1 51.2 Ot. by N. 5 4 0 30.00 63 62 61 61 .. 0 m 2 55.3 4 0 30.02 63 62 61 61 0. f. 5 0 30.02 63 62 61 61 8.98/46. 4 0 4 0 0 30.01 64 62 61 61 4 2 68.4 7 72.1 1 0 73.1 2 6 75.7 3 5 79.2 4 0 0 29.98 65 63 62 61 b.c.m. 6.16/46 0 29.98 64 64 62 61 45 2 E. N 63/4 10 A Ox. by Ox. 0. 30.00 64 64 63 61 6 6 85.8 4.5 2 0 30.00 63 63 62 61 4-5 2 6 4 92.2 Noon.

/	10.4Distano	um by Patent Grg.	
	Course and distance	the made good since preceding noon by observations, & 1/2 9.	/05 knots. tenths.
		(Latitude by D. R.	49 ° 15 'N. " 6 ° 53 'V. "
		Longitude by D. R.	6 053 194. "
	Position at Noon:	Latitude by observations of ⊙	49 °16 'N. " 6 °43 '9, "
		Longitude by chronometer from Forenoon Observations of O	6 043 194. "
		(Latitude by D. R. how None	49°08'N."
	Position at 8 A. M.	(Latitude by D. R. from None) (Longitude by observation o	49°08'N." 7°12'94."
		(Latitude by afternoon observation & Tumnis Lines)	49 ° 39 'N. "
	Position at 8 P. M.	Latitude by afternoon observation { Funnis Lines }	5048'04."
	Current during the	1.2.	
		compass by Azimuth ⊙ observed at , ship's head	0 /
		Compass by Azimuth O observed at , "	0 / "
	Water expended d	uring the preceding 24 hours,	350 gallons.
	Water	during the preceding 24 hours,	44
	Water remaining of	on hand fit for use at Noon,	1900 "
	Coal consumed dur	ring the preceding 24 hours,	
	Coal remaining on	hand at Noon,	tons 700 lbs.

-	1	1						1	1					100000000000000000000000000000000000000			+
P. M.,			0/ /	6.163/46.													
1	2	4	96.1	6.46.46.	Ct. 1 St.	4	5	0	30.00	64	64	63	61	b.c.w.	cure wint	1	M
			5.7			5	5							0.0. w.			
			12.8			5	5							b.c.w.			
	,	1	19.4		A 94. by 04.	5	5										
		1	24.9		0	5	5								mint.		
			29.8			4	5									0	
			34.3			4	5									0	
8	2	5	36.8			3	3		29.94							0	
9	1	2	38.0			2-3	3		29.96						-	0	8
10	1	5	38.2			1-2	0		29.96						-	0	
11	4	8	19.0	6.1/2 9.	Of. 1. O.	1-2	0		29.96							0	
Mid.			51.3			1	0		29.95						1	0	
	1	'							,,								

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M.

Slowedy and midy with driggling rain nearly all of watch. Stiff to fresh breeze from & Feb. and Ores. at 12.30 get cash of lead in 74 fathous of water; bottom yellow sands. Cours FE 12.6 (po) This or more under jet, for topmark stayout, doubt respective and convert appendix of the whole Bacometer Assistance as the whole Bacometer talling should at the wheel. Branneter falling alonly. W.M. Capirton

From 4 to 8 a. m.

Leitenant Q. J. D. First to moderate been from O. by A. and Oh. N. O. Oricaet and foggy; partly cleaning at intervals. Indivations of cleaning exactles at end of nately Products following sear. Eighted three earling weells. Ender jet, for topmast staypail, consequent doubt need topsails until 700, they about me refer hould up manifall and made plans sail to expli except flying jet, manifall spanker and muzzin topeail. Fork animony as follows: At 4.45 in 73 fathones, fine boom sand, black and red aprets; at both 74 fathones, fine white eard, and and black expects; at 8.00 in 70 fathones, getter sand, black expects, brother chell. at 6.30 by order of 6 rumanding Officer changed course to 6.96. 146. per Standard: patent bog readings 19 Funded for how at frequent intervals appreciation at the wheel. er. ROC

From 8 a. M. to Mend

Lieutewards On & 9 Cloudy and misty. Ovoderate to stiff breeze from & 4 d. and A th by & A 9 so meetered at quarteer. Instructed apprentises of quire at dimercial diels: 2nd pairle in quarteel examinability. At 245 hould up to A & by & to close a creek standing Let. A 95 close changed cours to 6.46% and at 9.0 to 6.46% 6. Ut 9.15 set flying jit and for topmant staymail, ba clear of manusail, main and mugge topmant etayaals, apauku and miggu topsail. Anden all glaw eaib to ingels with stayaals. Isted magazine flood cooks and books out and instrume forward magazine. Bot emuduign as follows: 9 A.M. 69 fethours gelln eand, black expecter books and grant: At 10 a Mr. books fethours, grey early black executer 11 a. M. 65 to fathern, same bottom and of how 64 fathane came bottom. agencial at the while Augustine of magazine 74 75 forward, 72 - 72 - aft. Dercett.

Orm Merid. to 4 P. M.

Treitenant U.J. M. Cloudy and miety blearing at intervals. Worderate to stiff breyer from & s. to N. Barmeter falling elightly. at 12.40 changes enne to ENE 14E. Patent big aeding 961. I'm coundings ar followering: -1.00, 65 few, for y. c., f. b. ep.; 2.00, 62 few for y. c. f. b. ep.; 3.00, 59 few. for y. c. b. and y. ep. br. eb.; 4.00, 58 few. brok bottom and g. Instincted apparature 3th paint, in machinefacts seamaschip; 4th period but both lower chains apprentises at the wheel Producte sea from the destinate Leong & V. Cerrus.

Jum 4 to 8 9.90

Ousign Q. S. W.

Orreact and miety Fliff to gutte been fine it & by the Baconeter felling By order of Commanding Officer J. Farmer was reduced from anathemeter 3rd class to Farman for general interpretary. At yor book allowed the hands neef togetable friend togetant earle and cayale and class report operale, then shook refer out of toquials. At 600 started fries in briles a 6 and I Friend a make stack, full manish and got stanning corn on main yard. at 6. so at main tryail. Fighted two stances and two sailing weath during watch drow the following anudurge : at 5.30, 55/2 fow. y. e. gr. : petent ly nedwig 27.7; at boilers, 55 four. y. e. gr .; petent ly 29.8 : at 70 clock, 54 four y. e. gr . pattert by 343; at 80 clock, 52 free y. s. grand by sh. yeart by 368. At end of watch under flying git, jet forward topsails, main tryward. eparter and all topmark staypails, on errice E. N.E. 14 E. appendices at the wheel.

Queign Qu. J. M.

Calundy miety and damy all of watch Light air and breeze from Athly I. and MAN. At 30 took in main togail . At 10 veloce eighted Welf digat from aloft braining about to grain forward year braw and at sever time eighted the Lizard dights to print on part bour at 10.25 danted ahead etracing and christist and futed each; gratud by reading 29.0. It condings at 900, in 50 feetines water: at 10 in 49th feetines and it 45.5 Examined and tound to be correct each surviving yellow, sand, block expectes, borrow still and grant. French each in explic brace & 4846. (pe) putil.

8.25 the it was changed to El 1 & (pe) Bound of ratch under steam alow, with bile of the 5.5 Beginnites at 26.5 the still seed to 5.5 the still seed wheel aways opan : average revolutione 40.

A. B. Me il lon, Lietenant Q. F. a. Quangetor

Whilaperlow Linter aut 01. 2 9.

Third Rate,

LOG of the UNITED STATES Phip Essex The Making passage from Newport, R. J. to Touthampton, England

,,,,,,		1	/		0					0				1			
		U	Reading		WIND.				BAROMI	ETER.	TEM	PERAT		State of	Forms of	Clear 0ths.	be Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.		3		6/20	South	,	0	0	29.95	42	42	60	60	o.f.	nint.	0	f
1	7 5	8	58.8	6/20	Once	1	0	0	29.92					£.	nume.	0	,
3	6	0	67.0			1	0	0	29.92			61				0	
4	7	8	81.0		£94.	2	0	0	29.92				60			0	
5	8	1	89.1		04.994.	2-3	0	0	29.91			60	60			0	
6	8	6	97.7			2-3	0	0	29.90	62	61	60	60	0.c.m.	cum minb	0	
7	7	8	5.5			2-3	0	0	29.89	62	61	60	60	b.c.	,	1	-
8	8	3	13.8		-	2	0	0	29.90	62	61	66	60			1	
9	6	0	21.8	E. by 1.		3	0	0	29.91	62	61	60	60			1	
10	4 4 0	60	30.4	1 by 24		3	0	0	29.93	63	62	61	60			1	-
11	2 4	3	37.5	N 60 6.		3	0	0	29.94	64	63	62	60			1	
Noon.	7	7	45.2	E. by A.		3	0	0	29.95	65	64	62	60	-	-	1	-
				0						1							

151.6 Distance run by Patent Log. Course and distance made good since preceding noon by observations, & . 4 & /4 &. /40 knots. tenths. 50 008 'N." Latitude by D. R. 3 000 194 " Longitude by D. R. Position at Noon: 50 004 ' A. " Latitude by observations of ⊙ Longitude by chronometer from Forenoon Observations of ② 3 0 21 194. " Position at 8 A.M. Latitude by D. R. from Nom/
Longitude by Elemental from Franco Observation O 490 47' N. " 3058'94 " Position at § P. M. { Latitude by D. R. Jano Norm/ Longitude by D. R. Jano Norm/ Current during the time, 14 knots tenths per.hour, setting to the & . T & 1/2 & 6. · · · · · · · · · Deviation of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at , " Water expended during the preceding 24 hours, 350 gallons. during the preceding 24 hours, Water remaining on hand fit for use at Noon, 1550. Coal consumed during the preceding 24 hours, 8 tons /7/0 lbs. 51" 10 Coal remaining on hand at Noon,

-																		
	P. M.	3	4	48.6	6. by M.				-							1		
	1	4	5-	53.1	6 863/46	F. 9 W.	3	0	0	29.96	65	64	63	60	0.0.m.	cum mint	. 0	9
	2	8	1	61.2	,,		3	0	0	29.98	64	64	63	60			0	
	3	8	2	69.4			3	0		30.00							,	
	4	8	3	77.7			3	0		30.00							1	
	5	8	0	86.4			2-3	0	0	30.00	64	63	62	60			1	
	6	25	00	87.7	2 6 8 14 94 8		2.3	0	0	30.00	64	63	61	60			1	
	7	8	0	98.6	6.149.		1	0	0	30.00	64	62	61	62			./	
	8	8	0	102.0		6.9.6	1	0	0	30.00	64	62	61	62	0. f.	35.53	0	
	9	6	4	16.4		96. by 6.	1-2	0		3000					.,	1	0	
	10	2	6	22.3	NE. L. E.		1.2	0	0	30.00	62	60	59	62		eum.	0	
	11	5	0	25.0	18/4 N.		3	0		30.01					b.c.	cum etial	5	8
	Mid.	101	0000000		NW.	-	3	0		30.02							5	
	para,	0	5		NILE NH- Heat. H by G								'					

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. CM

Sight airs to light breeze from Inth and II. Ouroast and faggy. Inverte sea. Signed right was chut not by fog at 12.30, when it was mearly abram. Ilred draw and somether fog which from 12.45 to 3.45. Got amounting at 2.00 in ub fathone and at 4.00 in 45 fathone, grant bottom each time . Sighted tire sailing creels . Under stam alow on come 6 h 9 per Standard. average steam 55 lbs.; revolutione 40. Apprenticio at the wholl. Gen R. 6 2 Lieutenant Qu. S. M.

Foggy and miety, followed by partially cleaning walker. Light to gentle been grown 9. F. W. Got amendings at 6 a. M. 42 fathene, grand and broken stells and at 8 a. M. 44 fathener, yellow early record grand. Iteaning. Evenes 6 to 9. Eighted several vessels during the watch. Corrage revolutions 44. Steam pressure 55 els. Apparaticle at the while.

From 8 a. M. to merid

Leitenant W. J. M. Cloudy, misty about the horizon. Gentle breeze from Ob. FOR. Civing baroneter. at 9.30 mustered at quarter after which custivated appreciain 1d period in epart and early ; 2d period neuring and standing negging. At 8 15 changed cause to 8 by th. Patent big 21.1 : At 10.25 to 6 by th. Patent big 32.2 At Each time took arounding in 38 force, for yes, a with blb ag. At Meridian obtained arounding in 35 force. The Atten Cating appartment of A. 95 beam, third In 96, carried from Ich. 8.1894, Apparatures at the what Aroungs steam presence 56 bls. Geometric revolutions 44.5. Vacuum 21 inches . Under steam alms. Temperature of magazines 76-76- forward, 76:75- aft.

Cludy and hazy. Execute beary from 3.9 % to Obesh Barometer received. For each over 5 brover sneeded Jule of acill, agreed for and aft carle out to day: got down chafuig grav and allowed boyn their bags. Fighted many etamines and earling marker burning watch. At 12.25 changed communication to be operated by acading 48 b. The Anastery Branch of Theory continued and when walrand , 6 lb. wast beef canned , 6. 3. mattage Contractor Jan 1891. at 4.00 took anushing , 30 fathour, hard bottom. at end of watch under steam in boiler A. C. and D. and for and aff sail, or course E. N. E. 1/4 & appendix at the wheel across studential of the D. C. D. on an

Prom 4 to 8 P. 91

Cludy and bazz, with for last half bow. Tight air and begger from Greth, I. I. H. M. and E. I. E. Numerous and and stammer in sight. Course 6. ME 466, with 5.12 where changed to by by 46,00, passed by \$7.7; at 5.25 changed to E. M. E. 446 (p. 0) potent log 89.7. Ut 6.22 eighted Cortland Bell braung No 18 4 (mag) and Flamber Light This braung NE 18 6 (mag) patent log 98.6, samuling a 24 fathoms writer, bottom haid week. At b. 35 chaugub curie to 6/x I. G.c.) patent by 98 b nicles. Got anudings at 5, b, and 70 closed in 29th, 26, and 23 fathous respectively, bottom band rook and at 8 in 15 fathous, bottom booken abell and grand. Appendice at the wheel array atom 55 lbs, arrage revolutions 40. Gland down to fraget 7.25.

Own 8 P.m. to mid.

Light aim to gentle breze from FE. by E. Orread and foggy metal 930, then cleaning weather with mornhight Imorth see. Immeted fog which during fog. Bot eauchings every half low in water ranging from 20 fathomer at 9.0 to 12 fethomer at 12.00. We gro eighted the headles light bracing ENE and at 9.40 eighted awil hight bracing A. A. D. Made following changes in cures: at 9.50 to M. E. & E. & H. & Start & H. & Start & H. & Start & Start & H. & Start & H. & Start & Start & H. & Start & H. & Start 10.30 and at 11.20 to get animalings. At 11.20 It. Catherine Light low FE146. and anic high & It I A. Fhips head Not attend of watch on range between Geoder and axis, heading Is by I, etanding in for an anchorage. arrage storm 55 lbs. revolutions 40. apprentises at the

Geor Oear Leistewart QL 9.96

Examined and found to be correct.

J. B. Meilton Strutenant & S. M. Navigator

Third Rate,

LOG of the UNITED STATES Ship Essex. Third Rate, Making passage from Receipt R. S. to, and at anchor in Touthampton Water England.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT		State of	Forms of	Clear Oths.	he Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	Dida	16.	creut	Thype head													
1	1	5	Flord	Of 9.04.	9.96.	3			29.98	63	62	60	62	0.c.m.	cum mint	. 0	
2	0	0	Slack	98. h. E.		3			29.98	63	62	60	62			0	
3	0	8	Ell	E. ly 9.	98.	3			29.9	163	62	60	62		"	0	
4	,	4	-		8.96.	3			29.95							1	
5	,	5			East	4			29.91	62	61	59	62	0.e.n.	"	0	
6	1	4		6. ly N.		4			29.90	62	61	59	62		strat	0	
7	0	8		East		5			29.90					0.0.		0	
8	0	3		6. by 9.	8. ly 9.	5			29.90					0.0.d.	numb	0	
	U		Qua	ieuway	6.9. 6.	6			29.88					4		0	
9				7		6			29.84						-	0	
10						6			29.80							0	1
11						6			29.80							0	1
Noon.						0			24.80	03	91	00					-

87.1 Distance run by Patent for

a and distance				

Latitude by D. R.

Longitude by D. R. Position at Noon:

Latitude by observations of O

Longitude by chronometer from Forenoon Observations of ②

Position at 8 A. M. Latitude by Longitude by

Position at 8 P. M. $\left\{ \begin{aligned} &\text{Latitude by} \\ &\text{Longitude by} \end{aligned} \right.$

knots Current during the time,

tenths per hour, setting to the Deviation of the Compass by Azimuth ⊙ observed at , ship's head

Deviation of the Compass by Azimuth ⊙ observed at

Water expended during the preceding 24 hours,

during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

knots.	tenths

350 gallons.

1200

10 tons 1540 lbs. 41 " 1710 "

29.96 64 61 60

1														
P. M.				Thypo head										
1			at	auchor	6.96.	14	29.80	63	61	60	0.0.d.	numit.	0	
2				96. h, 9.	96.	4	29.80	63	61	60				
3				9. F. W.		4	29.81							
4	Did	al 60	nect	9. hy E.	98. to 9.894.	4-2	29.82				b.e.			
			EH.	991. ly 9.	9.904.	3	29.85							
		5		N 94. Ly 94.		3	29.87							
		8		A 96. by No.		3	29.88				D. C. d.			
		8		. 1		3	29.90					,	0	
9	0	4	Flord	Fly 24.		2	29.90						0	
		20		Leonging	F9.	2	29.90						0	
		2		. 0 1		2	29.95						0	

SOL.

under the command of

Commander Louis Kingsley Thursday, August 23.

, U. S. Navy, , 1894.

71.5. John Gusign W. F. M.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. OM. Cloudy Orward with last home Mity borism Passing above last home Steetle breeze from I. I. E. t. E. F. E. Steaming on conser It by I with 12.35, when sugness was stopped and staborad anchor let go at 12.38 in 14 fathome wite, graved bottom vector to go fathome or staloned chain Isaning of auctivage (mag).

Anni Grind Light A. 49 1/24. Reedles Light 61/4 & and Pooler In Sight A. 64. Bauled free according sugnerating 32. Presence 50 lb.

From 4 to 8 a. M.

Lieutenant Q. J. N. Overlash, cloudy and damp. Paricy and foggy. Goodwate to stiff heyer from the East Muning last Some to Ely ? Grandy barometer. Elst tide, four as 500 about 15 hunter. Bashed frie.

Dim 8 a. m. to Merid.

Garge R. Levins, & Eneign & & De. Converse and misty. Fresh breeze from 6.96. Bavoneter falling. at 8.15. Chatter Cause pelot came in braid, and at 8.25 conversed hearing in chain at 8.35 called all hands up auchor, and at 8.45 started ahead me bell, and at 8.50 went ahead full aped and atord into Inthampton under com of pilot . At 90 clock sent daw topgallant and rope yarder . Exchanged colors inth dightchips . At end of watch atransing up Suthangetwo Chater, with five under boiles A. E. and St. under com of job! Thamen and appendices at the wheel Insuperature of magazine 72 71. Journal, 71. 60. aft.

Own Merid. to H P.M.

bloody thick and ust wather with light duyling rain. Moderato been from 6.56., 86, and using to 9.50. at 12.08 walanged number with Magchip blicage; at 12.15 made Sewal Lignal Jul. 12.11; choose ancured ye : at 12.40 came to auchor in 6.14 fathoms inter, using to 45 fathoms in prob chain at 12.45 made Lewal Lignal Jul. 4557; Chicago aucured 40; after which primition was granted and the fine water british 4.6 and D. were allowed to die out blieving made signal One one of the star of the star of the former of the A 2.30 crosed topgallant goods. Job at atiam launch and star of the first part of the Granding Officer paid an official want to the Flagship blueges. The board officer came on brand and grouted peatings. The branding officer from the brest durance came on brand at 2.30 PM. At 2.45 want to go fethome on port chair, it go starbrand anchor and one order only with 45 fethome on both chairs induing to post chairs, for another drown stream. Such ottom launch to its for mail and to wrist the O. I. Boneul Their draft forward 12 feet 8 where of 15 feet 10 inches. Riding to the flood tide. WA Kaperton.

From 4 to 8 P.M.

Cloudy and theratouring with meety during last too lines . Sentle to light beyn from J. Il. Barmeter rising. M. J. Coleman Ensign M. J. M.

Drown 8 9.9h. to Mid. 6 Londy and thick with light duyling vain Thip viding across tide and to wind While light from 9.9h. and 9th. W. H. Capurloy Willaperton

Lewtenant Ou. J. M.

Dientenant Qu. S.M.

Examined and found to be correct.

J. B. Moilton. Linitenant W. J. W. Navigator

LOG of the UNITED STATES Ship Essex Third Rate,
We auchor in Grithampton, Water England

											0							
				Reading		WIND.				BAROME	ETER.	TEMI	PERAT		State of	Forms of	Clear oths.	se Sea.
Hour.	Knots.		Tenths.	of Patent Log.	Ships head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Ser
A. M		da	de l	Sureul														
1,	1		2	Block	J. 901.	F9.	3			29.98	63	61	60		0.c.m.	mint.	0	
2	1		2		9.96.		3			29.98	63	61	60				0	
3					96. ly 9.		3			29.99					b.c.m.	cum mind	1	
4			inn	gnig	(M. A. W.	O1. & 91.	3			30.00					0.c.m.		0	
5			2	844	Oh. by A.	Ok. by St.	2			30.02					O.c.		0	
6			5 0	4	A W. Ly St.	A 94.	2			30.03					lr.c.		1	
8	1		0		of wing or		,			30.05						-	3	
9	1	1		flack	Lunging to flood		2			30.10							4	
10					N by D.	4.16.	2		,	30.11	66	64	62				4	
11				-	Nov.	1.106.	2			30.12	68	66	64			-	5	
Noor				-			2			30.13	69	67	65				5	

Course and distance made good since preceding noon by observations,	knots.	tenths.
Latitude by D. R.	0 ,	"
Longitude by D. R.	0 ,	"
Position at Noon: Longitude by D. R. Latitude by D. R. Latitude by observations of ♥	0 ,	"
Longitude by chronometer from Forenoon Observations of ②	0 ,	"
	0 ,	"
Position at 8 A. M. Latitude by Longitude by	0 ,	"
(Latitude by	0 /	"
Position at 8 P. M. { Latitude by Longitude by	0 1	"
Current during the time, knots tenths per hour, setting to the		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 1	
Deviation of the Compass by Azimuth ⊙ observed at , "	0 ,	"
Water expended during the preceding 24 hours,	400	gallons.
Water during the preceding 24 hours,		"
Water remaining on hand fit for use at Noon,	800	"
Coal consumed during the preceding 24 hours,	/ tons 62	O lbs.
Coal remaining on hand at Noon,	1 tons 62	
	1	

						-								
P. M.														
1	0	1	Sur	ging to flood	1.16.	2	30.15	70	67	65	b.c.	cum anil	5	
2	0	4	Flux "	98. ly 8		2	30.13						4	
3	0	4		98!	\$6. by 9.	2	30.13					-		
				98. ly 9.	. 1	2	30.13	-						
			Ebb.	98.	98. ly 9.	2	30.13	67	65	62				
				6. by N.	East.	2	30.12							
				N by 24.		3	30.12							
				0		3.4					s.f.w.			
9	0.	8	"			4	30.14				0.91.		0	
10	0	4		6. by N.		2-4							0	
			-	Jungma		2-4	30.12	64	62	60			0	
			Blurd	Sunging East		2-4							0	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a m. Gentle been from For. and Or For. Ourcast and misty. Began to away to all time at 3.30. Geor Roemin De S. S. S.

Orom H to 8 a. m.

Clear and pleasant. Sentle to light been from V. Feb. to N. Barometer riving. Of 7.30 made eight but 5.455 Dagolup aucuned ing way Love sail with us by signal. At 7.45 Chicago made signal 5.455. Lovad sail to a builthis with flagship and get war off mainsail. Received on braid in Dept. of Supplies and accounts the following feels promises 76 lb. braid 95 lb. bref, 95 lb. wgetables

N. G. Colsman Ou. Son.

From 8 a. M. to Merid.

Dair and mild. Fight beezes from N. N., rosing to N. N. and backing to N. N. N. N. I've can engaged at blacking ships side. A 10 b. M., the Captain reported on board the Chicago in obodine to eighed and at 11 D. M. Lind bonds. Vice, and Lintenaits Capiton and Purell reported on board the Chicago in obstaine to eighed Funny to flood at 10.50 a. M. Rear Admins Elev W. L. M. paid are official ireit to this ship. Desuperation of magazine 72:70 forward, 71° 68° aft.

W. Caperton.

First Merid. to 4 F.M. .

Light breeze from N. N. E. exercing to \$6 by \$. Cloudy and pleasant Finished awaiging to \$100. At 1.25 Deaghly made general right 284, and at 1.30, "4826". Esser answered at 1.60 fueld earl in obtained to expiral. Descharged asher into show ash lighter. Received official insite from the Communicating Office of the \$1. \$ 9 blicago" and the W. \$. Bosent. Received in Pay Department Den thought fernish \$2.000) in English gold. Energy & Delinas & \$100. \$100 here the ship of their days leave.

GeorBe Lieutewant U. S. M.

Dion 4 to 8 P.M. Cludy with fog last how. Light to moderate here from 96. by 9. backing to East. Terring to elst tide at 4.30. E. J. Iran (Blaskemith) left the ship on law with I hurday august 30.

WAKaperton Sientenant W. J.M.

From 8 P. M. to Mid. Light to moderate breen from East. Ourcast. Firming to flood tide between 10.00 Geo. R. C. Leutenaut & J. J. M.

Examined and found to be correct.

J. B. Mo ilton, Sintenant al. J. M. Navigator

LOG of the UNITED STATES Thip Essex. Third Rate, A suchor in Pouthampton Water England.

						COTO.		~~	,	1							
			Reading		WIND.				BAROME					State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	Sluges head.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	Did	bal.	Cuneut	0													
1	0	4	Flord	East	Gast L	- 4			30.12	62	60	59		0.0.6.	nint.	0	
2	0	8		96.	"	4			30.12	63	61	59				0	
3	1	0		6.96.	,,	4-5	-		30.08	63	61	59		0.c. g. p.		0	
4	1	0		East	6.16.	4			30.06	62	61	59		. '		0	
5		Fla	ex			14			30.04	62	66	28		0. c.p.t.l.		0	
6			866	N & . ly &.	11	4-2			30.02	62	62	60		0. c. r.l.t		0	99
7	0	2	"	St. A 24.		2			30.09	62	61	60		0. c.r.		0	
8	1	0	-	4		2			30.10	62	61	60			,.	0	
9	1	2	Flord			3			30.10	62	61	60		4		0	
10	,	5		1.16		3.4			30.10	62	61	60		0.c.m.		0	-
11		4		6. by A.		3.4			30.10					.,		0	
Noon.		4				3-4			30.16	62	61	60		b.c.m.		2	

Course and distance made good since preceding noon by observations,	knots. tenths.
Latitude by D. R.	0 / "
Position at Noon: {	0 1 "
Position at Noon: Latitude by observations of ©	0 / "
Position at Noon:	0 / "
	0 / "
Position at 8 A. M. Latitude by Longitude by	0 1 11
(Latitude by	0 / "
Position at 8 P. M. { Latitude by Longitude by	0 1 11
Current during the time, knots tenths per hour, setting to the	
Deviation of the Compass by Azimuth O observed at , ship's head	0 /
Deviation of the Compass by Azimuth O observed at , "	0 / "
Water expended during the preceding 24 hours,	400 gallons.
Water during the preceding 24 hours,	"
Water remaining on hand fit for use at Noon,	400 "
Coal consumed during the preceding 24 hours,	tons /260 lbs.
Coal remaining on hand at Noon,	tons /260 lbs.

P. M.														
1	1	0	Flord	6. ly 1.	6.18.	3	30.10	62	61	60	b.c.m.	cem . mint	2	
2						3	30.10	64	63	61		.,	1	
3	1	0		East		3	30.09	65	63	62	-		2	
				6.96		3	30.09	66	65	63			3	
5	1	0				2	30.06	66	65	63	0.c.m.		0	
6	1	0				2	30.05	65	61	60	0.c.		0	4
7		Pla	ck	6.46.	East	2	30.03	65	62	61			0	
8	0	2	Ebb	A by 94.	6.46.	2.5	30.04	64	62	61	0. 0.91.	-	0	
9	1.	0		N. N. W.		2-3	30.02	64	62	61	0. e. p.	sumb.	0	
10	1	0				3	30.02	65	62	61	0.c.pg.		0	
				CH. NOH.	6.96.	3-5	30.00	65	62	61			0	
Mid.		91	ack.	8.98		3-5-	30.00	65	62	61			0	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Overcast and cloudy Passing showns with thunder and lightning:
Onoduste to stiff breeze in equally from East, and E. h. E.

Description of Linear Co. I.M.

From 4 to 8 a.M. .

Cloudy and rainy Sightning and thunder fish two hours Moderate decraining to hight breeze from ENE Glack water about 5.30 a. Mr. George to ebb tide at 7.00. Baronite ring latter pair of watch

W. Cleistenant C. S.

From 8 a. M. to Merid Gentle to moderate brey from E. M.E. Overest and miety. Gurung to flood tide at 9.50. Sent all the apprentices askore on librity. Deseperation of magazine 77° 76° food, 76° 75°. aft.

The second of the Comment of the Comments of the

From Presid. to + In. Sently to fair Gentle breeze from E. N.E. Received in Pay Dept. 76 th feet bread, 95 the feet bread, 95 the regitables.

Discovery to fair Gentle breeze from E. N.E. Received in Pay Dept. 76 th feet bread, 95 the regitables.

Discovery to fair grant of the feet bread of the fee

From 4 to 8 P.M. Light hery from E. N.E. and East, freshering and blowing in equally last home. Oneast. He igh water at 7.00.

Gen R. Committee Strictmank (U.S.M.

Dion & P. M. to Mid.

Overcast and cloudy Passing showns. Light to gentle been from E. No., shifting to E. F.E. and blowing stiff in agnalle. All the appendice except three returned from library. By order of Commanding Officer placed a. Bolin (600) in confinement to await institutionation and for eafe keeping.

Limite want & F. F. M.

Examined and found to be correct.

J. B. Millon, Seutenant & S. M. Navigutor

LOG of the UNITED STATES Thip Ossex. Third Rate, archor in Touthampton Chater England.

			Reading		WIND.				BAROMI	TER.	TEM	PERAT	URE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.		al +	Burrent														
A. M.			Flord	6.96	6.16.	2			30.00	65	62	61		0.c.fp.	minh	0	
			,	96. h 9.		1-2			29.99					0	,		
3				9.96.		2			30.00	65	63	62		0.c.n.		0	
4	0	2	,.	96. ly 9.	9.96.	2			29.98					b.c.	eum-eum	5	
5	,	Pla	ek	. 0	O4. 9 04.	2			29.96					0.c.m.		0	
6	0	0	666.	96.		2			30.01							0	
7	0	1		9 9. by 91.	904.	2			30.01					o.f.		0	
8	0	3	-	U. 901.	Q1. \$91.	2			30.02					0.m.		0	
9		5		NOV.	"	2			30.02						"	0	
10	1	0				3			30.04					b.c.	cum.	7	
11		5		Of. 101.	-	3			30.06						-		
Noon.	0	8	-	Or. by N.	-	3			30.07	66	64	61				5	
							-		1					-			

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ②	0	,	"
	Longitude by chronometer from Forenoon Observations of ②	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	"
		0	,	"
Position at 8 P. M.	Longitude by	0	,	"
Current during the	time, knots tenths per hour, setting to the			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the C	ompass by Azimuth ⊙ observed at , "	0	,	"
Water expended du	aring the preceding 24 hours,	4	00	gallons.
Water Asseur	d during the preceding 24 hours,	25	00	ш
	n hand fit for use at Noon,	25	00	и
Coal consumed dur	ing the preceding 24 hours,	tons 7	00	Ibs.
Coal remaining on	hand at Noon,	38 " 3		
			/	

P. M.													
1	g	wi	varia,	to Flord	991. by 94.	2	30.08	66	67	64	b.c.	cum	5
2				9.91. by 9.	- 1	2	30.08						5
3	0	4		9 ly 6.		2	30.08	70	69	64			5
4	0	5		,,		2	30.08	70	68	65			6
5	0	4		9.96.	-	2	30.08	68	66	64		cir.cum.	7
6	0	2		Porth		3	30.07	67	65	63		stial	9
7	0	0	Pur	iging to Ebb.		2	30.04	65	64	62			9
				0 0	04.994.	1	30.08						9
				4 9t.		1	30.08	63	63	60	b.e.l.	cum.	9
10	1	2				1-2	30.08	63	63	60			9
11	1	5				1-2	30.08	63	63	60	-	-	9
Mid.	1	5	*			2	30.08	62	62	60			9

under the command of

Commander Tonis Kingsley Lunday August 26

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Orwast and cloudy with passing abovers Lightning to the Eastward. Barometer unsteady. Riding to the flow. Cleaning last how Light Easterly airs and beeze.

Serge R. Sims, Ensign V. I.A.

From 4 to 8 a. M. .

Light breeze from Ob. F. and F. Dorveast and damp. Foggy during last part of water Fent asbore at batholic Church party of 42 apprentices in charge of the master at arms. High water 5.00. Genre Gerictenant (h & 9)

From 8 a. m. to Merid.

Ourcast and misty first know then cleaning wrather Light to gentle been from Ch A. Church party stunned on time to 9.45 mentered at questies & monageding Officer inspired ship and crew. About without leave 9. Dorry (69) J. O. Frenman (6) a Resign of 10 J. F. Frenke (East) Parketha. O. L. Porton (Faints) D. M. Frence (East) Parketha. O. L. Porton (Faints) D. M. Frence (East) Parketha. O. L. Porton (Faints) D. M. Frence (East) Parketha. O. L. Porton (Faints) Doron (Charles) D. M. Frence (Commanding officer held Divine Persies on brand. Flagship made 1087 at 11.10. Received on brand in Equipment Dept. 2500 gallows field water. Demonstrate of magazine 72°70: forward, 71°68° aft. Semant U. J.M.

Dem Mend to + P.M.

Clear and pleasant water. Sight air and breyer from FO. by V. Baronete eteady. Passet Resistant Funger H. B. Fitz Rany left the ship on fin days leave of absence. Thos. Ite place (Fea) and F. S. Arth (Panta) returned on broad 5 to home writing. Energy N. J. Evenau V. F. Chany reported his return from leave. Furniging to flood fish home, strugth of flood current. So knote.

George R. Formo. Energy V. J. V.

From 4 to 8 G.9W.

Clear. Sight air to gentle hery from Oh FON. and FON. by W. Lieutenant U. J. M.

From 8 P. M to Mid.

Sleav and bright starlight Light airs and been from 04.99. Lightning to the 96 at intervals during witch Baronter steady. Elt tide, strength at midnight 15 knots.

Terre Nous,

Eusign U. J.W.

Eusign Cl. J. N.

Examined and found to be correct.

J. B. Mo illon Leentenant & F. M. Navigator.

LOG of the UNITED STATES Thip Essex Third Rate, Whater England

WIND. BAROMETER TEMPERATURE.														4			
			Reading		WIND.				BAROME	TER.	TEMI			State of	Forms of	Clean 10ths.	he Set
Hour.	Knots.	Tenths.	of Patent Log.	Jujes head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
	Jid	al I	burrent.														
A. M.			540	NOV.	A OL.	1			30.06	60	60	58		b.c.l.	cum.	9	
1	1	0		0000.	00 OV.	1,			30.06							5	
2	1	0				1			30.05		-					5	
3		9	,	.,		1			30.00					b.c.		6	
4			ack	96. by 6.	N. N. Ot.	1			30.05		,	,		b.e. m.	cir eum	100	
5	St	o to	de	96. ly6.	01.000	1			30.06		1				strat	4	
6		"		96. h, 9.	North	1			30.07						'1	3	
7				1 16	U Back	1			30.12							4	
8	0	,	EH-	146.		1			30.14							3	
10	0	2		1. 1. 04.		1			30.15	66	64	62				3	
11	0	6		NO4. by A.	N. N. 94.	2			30.16	67	65	63				3	
Noon.	0	4		421.	N. N 6.	2			30.16	68	65	63				3	
																1	-

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0 '	"
Longitude by D. R.	0 /	"
Position at Noon: Latitude by observations of ©	0 1	"
Position at Noon: Latitude by D. R.	0	"
	0	"
Position at 8 A. M. Longitude by	0	"
	0	"
Position at 8 P. M. (Latitude by Longitude by	0	"
Current during the time, knots tenths per hour, setting to the		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0	
Deviation of the Compass by Azimuth ⊙ observed at , "	0	"
Water expended during the preceding 24 hours,	350	gallons.
Water during the preceding 24 hours,		
Water remaining on hand fit for use at Noon,	215	0 "
Coal consumed during the preceding 24 hours,	tons /3	00 lbs.
Coal remaining on hand at Noon,	37 " 13	10 '
	1	

P. M.					***							
1	0	0		J. 94.	N. N. 94.	3	30.16 61	65	63	f.c.	cum.	4
2		Lur	waring	NE.	No ly M.	3-4	30.15 6					
3	0	3	EH.	Je ly 94.	0	3	30.15 6	8 65	64			6
				N 6. by N.	16. by N.	2-3	30.15 6	9 67	64			6
				NG. by E.		2	30.16 6	9 67	64			8
			Flend	98. ly 9.	N & by &.	0-1	30.16 6	1 67	64		"	8
7	1	0		.,		0-1	30.16 6	7 66	64	b.c.m.		7
8	0	2				0-1	30-16 6	7 66	64			6
9	0	0	Glack	Guruging to tob.	balm	0	30.15 6.	- 64	62	b.c.		y
10	0	0		0 0		0	30.15 6	- 64	62			9
11	0	3	Ell	A Ch . by N		0	30.15 6	- 64	62	b.m.	none	10
Mid.	1	8	"			0	30.146	64	62		none	10

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. bleavand damp. Beary dew. Light airs from NO.

M. J. Loleman Ensign U.S.W.

Drow 4 to 8 a.m. Dair Quiety Longon Tight air from N. N. N. and North At 7.25 Essea to Flagely Interregatory 5455; answered 904 Lorsed earl at 7.30 Link Condr. F. D. Orie W. F. N. and Chief Engineer & J. H. abighuet O. F. N. left the chip on two days leave each Tide very wast all the world Received in Dept. of Supplies and accounts 76 lb. brad, 95 lb. each of belf and vegetable.

Lieuten ant Q. I. R.

From 8 a. m. to merid.

Choody Eight arive and buesse from between N. A. Ch. and N. N. C. Reserge barcometer.

Or 9.30 muetered at quarter The following named must ever reported absent inchest leave, by . I following named must ever reported absent inchest leave, by . I following named must ever reported absent inchest leave, by . The Carlos (Geo.) J. C. Bernett (Agg. 30) D. W. Hound (App. 00) Jas it Barrett (E. G.)

Levento Engyp (C. P.) After quarter serviced direces of period at gun dille in period, otalisand watch, early for witch lad and log and congrave Secret and likely many to apparative Leventuant J. D. Purcell,

Or I M. Left the ship in two days leave Deuperature of magazine 70-70° forward, 70° 69° aft.

George R. Errus, Eurige V. F.M.

Orm Merid to 4 9.9%.

Cloudy and glassant. Isutle to moderate basy from N. N. R. to N. E. By N. Baronette steady Hack dill as follows: from 1.30 to 2.15 starband watch instituction in early and specify for watch held lead and log. From 2.45 to 3.10 appentices all hands, gymnatics. At 3.10 stopped dull to puje down week clother in Abdenic to signal from Chicago (A 3.30 Chicago eigialled Ful earl Called all hands, ful earl after which equand yards. The Colombia will be also be also being unbut early and sent down topgallant yards. Ousign Qu. J. M.

From 4 to 8 P.M.

Ocir. belus and light and verse from 4 6. of 6. or 6. Jair. Calmo and light aire and beezes from & E. by E. Barrenster steady at 30.16.

From 8 P.M. to Mid blear and damy. Bright starlight bear dew. balu. Bravenetw steady Gurnog to elb at go clock.

n. N. Irman Eneign Q. I. W.

Examined and found to be correct.

J. B. Me illon Lieutewart M. S. D. Navigator.

LOG of the UNITED STATES

the United States . Thip Essex Of auchon in Touthampton & ater, England.

Third Rate,

COURSES STEERED by Standard Compass. Thijs head. Tidal Current St Ot by No. balm 30.14 65 64 62 1 5 Ell 30.15 65 64-62 10 0 30.15 65 64 62 0 40%. 30.16 65 64 62 10 to Olord North 0-1 30.16 62 61 59 10 96. by 9. balm 10 30.16 59 58 57 o 9 Flord 10 30.17 60 59 58 0 N by E. 30.16 62 60 59 1-2 8 1-2 30.16 63 62 60 Glack. 30.6 63 63 61 10 to Elf. 1-2 10 balm 10 Ju 24. 30. 16 64 64 63 0 30.17 67 65 64 N. 9. by 24. Noon.

Course and distance made good since preceding noon by observations,	knots.		tenths.
(Latitude by D. R.	0	,	. "
Longitude by D. R.	.0	,	"
Position at Noon: Latitude by observations of ⊙	0	,	"
Longitude by chronometer from Forenoon Observations of ⊙		,	"
(Latitude by	0	,	"
Position at 8 A. M. Longitude by Longitude by	0	,	"
	0	,	"
Position at 8 P. M. Longitude by	0		"
Current during the time, knots tenths per hour, setting to the			
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the Compass by Azimuth ⊙ observed at , "		,	"
Water expended during the preceding 24 hours,	3.	50	gallons.
Water during the preceding 24 hours,			"
Water remaining on hand fit for use at Noon,	18	00	"
Coal consumed during the preceding 24 hours,	tons /	10	o lbs.
Coal remaining on hand at Noon,	37 " 2	. 10	,
Coal remaining on hand at Noon,	3/ ~	,,,	,

P. M.												
1	0	6	abt.	A 24 by N.	P6.	3	30.16 60	67	65	b.c.m.	cum.	8
2				A 94 by N.		3	30.16 69				cum mint	6
3		Plo	rck		904.	2	30.17 69					
4		Lun		to Blood		2	30.17 69					
5			0 0		04.904.	2	30.17 69				cir.cum	.4
6		31	lord	Forth F.E. by F.	901.	2	30.17 60			-		,3
7				96. by 9.		1-20	30.17 6				-	3
8				. 0		2	30.17 60					9
9	0	4			1.49.	1	30.17 60	66	63	"		4
10		Sh	ack		1.49.	1	30.17 63			1		9
11			EH.			1-2	30. 17 6	164	60	1		9
Mid.	0	4		19. ly s.		1	30.17 6	62	60	f.		_
				1				188				

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. ON. Clear and viry darry, with being around borison balow and light air from 4 ct. This riding to the ell tide. To A Capiton, W. B. Caperton, Sentenant Qu. J.M.

From 4 to 8 a. M. Doggy balow and high Worthuly airs Rising barwater Jo Godon (3. 2.501) having solved released him by order of Bommanding Officer. Received in Pay Department from the Cottlactors by blo brad , 86/1 lb. engetables . Passed Roll Paymaster To Ho Here's M. I & M. left the ship on the days leave of absence.

So go of Evene,

Long of Evens, Energy W. S. M.

From 8 a. M. to Mend.

Owner and apprentice at quarter and the following abouter even reported viz. I she Parkin (Ea) I it Bruntle (ap) 20 muetered crew and apprentice at quarter and the following abouter even reported viz. I she Parkin (Ea) I it Bruntle (ap) 20 %. Themse (ap) 30 Memory and Elected viz. I should be that I chief (BM) 20 Memory and Elected viz. The should not be the show meeting seriests mapp (El) 24 hours continue. Placed J ? Kallen (So) and a Mr. Same She Brown charge of Treater at large for eath legion of the same for eath legion to annuage to be shown one, they bring ruder the influence of legion of Marter at large for eath legion; the following men, they bring ruder the influence of legion of Marter at large for eath legion; The british of the same large (So) Dealy (The Brown at a star large to the second apprentices in brate inthe same (B Mate 1 cl.) b. O'teef (Bos) Dealy (The Brown at and branch to blicage, as to 10 25 in otherwise to engine I become at a branch to blicage reported to the same large of the administration of survey and order of the administration of the marker Black and found them working order At I so Charge Super Openham Surpenduce of managazine of the administration of survey survey survey. Gusign Q. J. W.

Orm Mend to 4 G.M blear to fair unather butle to light heezer from 96 weing to 994 Elack water at 30 clock and sunging to flood tide. 3rd and 4 do pende appendice had eignels and mailurejure seamonship. Releined on board one Blie Patent org complete. What Caperto Willaperton,

Lieutewant M. S. M. Orom 4 to 8 Q.M.

Cleased for confirmed D. Darby (M. Book 4cl.), C.O. Keefr (box) and S. Orok, (B. N. 1el.) they having broke why and for for duty. n. N. Coleman Eurige OL. J. M.

From 8 P. M. to Guid. Clear and damp until 11-35 when fog ord in Fight and from N. N. Flack water about 10. Gunnigning to elt tide at 11 o'clock. WH aprilon Willapirlon Lieutewant Qu. In.

Examined and found to be correct.

J. B. Mo ilton, Quitmant & J. M. Navigator.

LOG of the UNITED STATES Phip Essex.
We anchow in Touthampton Nater England

Third Rate,

			7000	camo mo	Sucuring	vn.	, wa	nev,	en	gr	www	N					
			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of	Forms of	f Clear 10ths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	Suips lead	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of the Se
	Jid	al t	Surent														
A. M.	0	4	800	N. N. O.	balm	0			30.17	62	62	60		b.o.f.	cum umi	19	
9	1	5				0			30.17	62	62	60		"		3	
3	1	2		NOt by de	,	0			30.17	61	61	59		b.c.m.		3	1
4		SI	ack	Lunignia	Chest	1			30.17					,		5	1.
5			Flind	96. 1		1			30.40							4	-
6				East	N by 6.	2			30.42						-	4	-
0	0	2	,		1	2			30.44	60	60	58				4	
8	,	2	-	98.		2			30.45	60	60	58		•		4	-
9	2	0	"	,,	€.46.	2			30.44							4	
10	2	0	,		N. N.E.	2			30.44	60	60	57		-	1	4	1
11	2	0		r		2			30.44	60	60	57		-		3	-
	1	0	\$	uniano to Ell.	Sworth	2			30.42	60	60	58				3	1

Course and distance	ee made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	, 0	,	"
	Longitude by D. R.	•	,	"
Position at Noon:	Latitude by observations of ①	0	,	"
	Longitude by chronometer from Forenoon Observations of ©	۰	,	"
	(Latitude by	. 0	,	"
Position at 8 A. M.	Longitude by	0	,	"
	(Latitude by	0	,	"
Position at 8 P. M.	Longitude by	•	,	"
Current during the	e time, knots tenths per hour, setting to the			
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the C	Compass by Azimuth ⊙ observed at , "	0	'	"
Water expended d	uring the preceding 24 hours,	30	0	gallons.
Water	during the preceding 24 hours,			"
Water remaining of	on hand fit for use at Noon,	13	500	2 "
Coal consumed du	ring the preceding 24 hours,	tons -		_ 1bs.
Coal remaining on	hand at Noon,	37 " 2	10	

Р. М.												
1	1	2	64	N. N. 24.	North	2	30.32 6.	5 65	- 60	b.c.	cum	3
2	1	5				2-3	30.32 6	6 63	60			5
3	0	5			1.16.	2	30.32 6	6 65	60		-	6
4			Lung	ing to Flood		2	30.33 6	6 63	60			6
5			Slack			3	30.33 6	6 63	- 60	b.m.	none	10
6			"			3	30.32 6	4 63	28			10
7						1-2	30.32 6	3 62	57			10
8			Flord	96.		1	30.32 6	2 6	57			10
9						1	30.3/ 6	2 63	60	b.	-	10
10						2	30.31 6	2 62	60		-	10
11			EBF.	N. by 6.		1	30.32 6					10
Mid.				0		1	30.31 6	1 61	58			10

under the command of Commander Louis Kingsley, U.S.Navy, Wednesday, August 29, 1894

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

RECORD OF THE P	WIISCELLANEOUS EVENTS OF	THE DAT
Midnight to 4 A.M.	Calm until	
of watch. Cloudy and damp. 3.45. Moon rose at 3.00.	Caim unui	Т
From 4 to 8 A.M.		е
Barometer rising. At 7 o'clock two commenced putting coal aboard a		c h n
From 8 A.M. to Merid.	Cloudy and hazy	i
backing to North by end of watch. quarters; absent from ship over lib	C	c a
(App. 3.c.) Leut the apprentices as swinging to the ebb about 11.45. A further orders". Receiv'd in Dept. S	At 9.20	l i
Temperature of magazine 71°-70°		S
From Merid. to 4 P.M.	Links have a from	S
at 3.30. At 3.20 H.M.S."Australia"	Light breeze from an	u
"Australia" exchanged boarding vivisit to Flagship. The Royal Mail S	•	е
Officer confined J. Daily (Sh. Cool	4th class	-
smuggle liquor on board through a at 4.00 having received on board		u
C. J. Habighurst, U.S.N., returned	from leave	n
under the influence of liquor. Drau	gnt	r
From 4 to 8 P.M.	Olara and anal High	е
"Australia" paid an official visit to the By order of Commanding Officer re		a d
From 8 P.M. to Mid.	Light airs to	a b
ebb at 11.00. J.A. Barrett (C.P.) re Apprentices 3rd. class, returned or	turned	l e

Examined and found to be correct.

LOG of the UNITED STATES Ship Essex Third Rate, Ut anchow in Southampton Vater England.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT		State of	Forms of	Clear 10ths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	Ships head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of the Sea
	Die	hal +	burent														
A. M.	,	5	EH	Sol. by N.	St Ot.	1			30.32	58	60	58		b. m.	Mone.	10	
2	,	7	-	7		1			30.32	58	60	58				10	
3	;	0				1			30.32	58	60	58				10	
4	0	3		J. 94.		1			30.32	58	58	57			,	10	
5	0	2		9.96.		0-/			30.32	28	28	57				10	-
6		9	back	96.		2			30.32	59	59	28		"		10	-
7	0	5	Flord	6.96.		2			30.32	59	59	58				10	
8	0	8		96.		1		,	30.33	60	59	58				10	-
9	0	9			balm	0			30.34	66	66	63				10	-
10	0	7		9.96		0			30.34	66	67	64				10	-
11	0	3	.,		9 96	3			30.34	66	68	64				10	
Noon.	0	1			-	3			30.34	66	68	64			-	10	
											-						

	· · · · · · · · · · · · · · · · · · ·	knots.		tenths.
Course and distan	ce made good since preceding noon by observations,	0	,	"
	Latitude by D. R.			
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ②	0	1	"
	Longitude by chronometer from Forenoon Observations of ②	0	,	"
	(Latitude by	۰	,	"
Position at 8 A. M.	Longitude by	0	,	"
	(Latitude by	0	'	"
Position at 8 P. M.	Latitude by Longitude by		,	"
Current during th	e time, knots tenths per hour, setting to the			
Deviation of the	Compass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the	Compass by Azimuth O observed at , "	0	,	"
Water expended d	uring the preceding 24 hours,	4	00	gallons.
Water	during the preceding 24 hours,			"
Water remaining	on hand fit for use at Noon,	11	00	u
Coal consumed du	ring the preceding 24 hours,	/ tons 、	300	lbs.
Coal remaining or	a hand at Noon,	37 " /	150	
		,		

-	-	-	-		THE RESIDENCE PROPERTY.			1	1		_		1	
P. M.				•										
1		9	wriging	to Ebb	Pouth	3	30.34	66	67	64	b. m.	none	10	
2	1			494.		3	30.33	66	64	64			10	
3	2	5				3	30.33	67	68	64			10	
4	2	0				3	30.34	69	68	65		,	10	
5		8	urnging	to flood	9.96.	1-2	30.29	67	67	63	b.		10	
6	0	4	Flora	998.	,	1-2	30.27	67	66	62			10	
	0					1	30.27	66	65	62		-	10	
8	0	1				0	30.27	66	64	62			10	
9	0	1		96.	balm	0	30.26	65	63	61	b. w.		10	
10	0	1			16	0-1	30.25	64	63	61		-	10	
				Turnging to Ebb		0-1	30.24	63	63	61			10	
Mid.		0		0 0		0-1	30.23	63	63	61			10	

Commander Louis Kingsley Thursday, August 30 under the command of

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a M. Bleav and damp Light airs from NOA 38 Same NO Divley, and not Grobert, appuratures 3rd class utrund 6/2 hours overthin . Averagonary It Layer Eurige U. 9 a.

From 4 to 8 a.m.

Flood tide about 6 30 a la The following agreements of class returned on bound 14/2 home for tight of a august a home to 30 a la The following agreements of class returned on bound 14/2 home for tight of august a hacker, It have good to be a first of the following a hacker, It have good to be a first of the following a hacker, It have good to be a first of the following a first of the following and the second to be a first of the following and the following a first of the following and the following a first of the following agreement to be a first of the Leutenant Q. 9.90

From & the On to Merid

Chedwing to flood tide mustered crew at quarter at 10.40; about vory time, John Parker (Tea) I & Escent (App 3 cb), and D M. Teuna (app 30). The bournarding Officer returned the official call of the bournarding Officer returned the official call of the bournarding of feels of the M. F. Australia. Exercised they are cultured that both boundaries and chinghys calm of apprehentive under varie the Plagakip was wagged them will the Doctoris bean eagure. Ever answered for Friday. At 10.30 ing wagged to Elagship for primition to have book exercise. Playship answered for Levis J. J. Purell, & S. M. returned from least Scriptwature of magazine 70.70-70-forward 60.66-

Gen Roce Lieutenant W. F. M.

From Meind to 4 P.M.

bleav Hezy houjon. Gentle breeze from Forth. Exercised appendicts in boats under each and oan. Commander Linie Kingaly & J. M. returned from leave of absence.

Lieutenant U.S.M.

From 4 to 8 9.00. Stight breeze to light air firm F. F.E. until last how thew ealm. bleav and pleasant. Dide turned flood at J. O. At 5. Essex argualled Int. 6140. Plagehip answerd "You at 6 00 sent down topgallant yudw and topgallant maste. E. J. Drav. Blackemith), returned from leave.

Lieitenant W. F. W.

Clear Ficulting deer balm. Quasiconal light are from N. E. O. a. Paymaster I. H. Hicke how leave. Ob. J. M. returned from leave.

Lewtenant W. J. W.

Examined and found to be correct.

J. B. Milton Seitenaut & & N. Navigator.

Third Rate,

LOG of the UNITED STATES Phip Essex. At anchor in Touthampton Chater, England.

					0					-0	-						-
-			Reading		WIND.				BAROME	ETER.	TEME			State of	Forms of	Clear loths.	he Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	Glujas head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
	Jid	al l	surent	0		1											
A. M.					1 -					1 -	1-			b. w.			
1	0	1	EH.	North	A €.	1			30.23			61		v.w.	none	10	
2	0	5		104.		1			30.24			61				10	
3	2	0				1			30.28	63	63	61				10	
4	~	5				1			30.23	64	63	61			.,	10	
5	1	0			-	1			30.18	59	58	56		b. m.w.		10	
	0		Flord	9.98.	N. N. C.	2			30.18	59	58	56				10	
6	0	5	02	98.		2			30.18	59	58	56		b.m.		10	
7		5		A. 46.		2.3			30.18	5-9	58	56				10	
8	0	0		96. by 9.		1			30.20						,	10	
9			-	36. eg 5.	9.96.	,			30.20			64				10	
10	1	2			J. J G .	,			30.20						. ,	10	
11	0	5									1						
Noon.		The state of	unging	to Ebb.	-	1			30.20	68	69	66		-		10	-
			0 0			1										1	

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of O	0	,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	"
		0	,	"
Position at 8 P. M.	Longitude by	0	,	"
Current during the	e time, knots tenths per hour, setting to the			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the C	Compass by Azimuth O observed at , "	0	,	"
Water expended d	uring the preceding 24 hours,		400	gallons.
Water	during the preceding 24 hours,			u
Water remaining	on hand fit for use at Noon,		100	"
Coal consumed du	ring the preceding 24 hours,	tons	600	lbs.
Coal remaining on	hand at Noon,	tons /57 "	1550	
		1		

P. M.												
1	0	0	Flack	98.	96.	1	30.18 70	70	66	b.e.m.	cir.cum.	9
			Ebb.	St. by t.		2	30.18 70	70	66			
				1. 401.	9.96.	3	30.17 73	71	68		-	9
				NO1. by N.		3	30.16 74	1 72	69	b.m.	none	10
5	0	5	-	J. Ot. by 94.	-	3	30.16 7	+71	68			10
6	0	5	Flood	9.98.	Fouth	1	30. 16 71	70	66			10
7	0	4			991.	1	30. 16 6	68	65			10
				96.	Ot est.	1	30.16 6	8 67	65			10
				96. hg 8.	Forth	1	30.16 6	1 66	64	b.		10
		0				1	30.166	7 66	64			10
11	0	4				1	30.16 6	1 65	63			10
Mid.		Lw	maniq	to Ell.	49.	1	30.16 6	65	63			10
			0 1									

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. CM.
Clear and bright starlight Perry light airs from the NE Barometer about steady. Riding to the ebb, strength of culrent at 3.00 0 clear 2.0 knots.

Songe & Evens,

Ensign & P. R.

Ensign U. F.W.

From 4 to 8 0.00.

Sight airs to gentle breeze from N.E. and N. N. W. blear and micty. Fide turned flood at 5.00 at 7.25 Essex engualled "Ich 6144. Flagship areward Yes." At 5.30 Essex made Ich 2983 Elagship areward yes. Received on braid in Pay Dight 69 lb. brad, 86/4 lb. lr.f., and 86/4 lbs. engulable At 8.00 crossed topgalbant yards and sent up topgalbant mater.

Lieutenant U.S. W.

From 8 a. On. to Overid.

Hozy borger. Light aire from N. A. W. alithing to 9.76. At 9.30 mustered at quarters absenters without leave the same at restorday, also I. I. Miller (Mach.) Exercised the apprentises in broter under over Orchanter buts buts mechanism of 4 inch generand and anall arms. At 9.10 Hazzhip to Esser. The admiral wicker to see the Commanding Officer on brand at 100 clock. By order of Commanding Officer. Alea Mr Same (Ch. D. Mr.) were desirated to Graham and John F. Varlen Cor.) to Transay, for amongoing whicher on brand. By order of same authority august Frederickian (2. Mr. 2. cl.) was rated by On Mr. a. B. Jelimen (2. Mr. 3 cl.) was eated by Mr. 3 cl. Designation of magazine var to be because of the Schleiner (Laman) was rated by Mr. 3 cl. Designation of magazine 70- 70- forward, 65- 66- aft.

Dercell. Lecitewant W. I. R.

Our Meind. to 4 G. Mr. Den wrather. Eight have Sight aire to guille breve from \$6. and \$.96 Barmeter falling. Received in Eugenein Department from the contractore Lankieter & For 707 gallow olive oil, 100 lbs.

ned lead, 12 water gauge glasser. Received in Equipment Department 20 gallow applicationed 36 Manhattan lamp chuming. A 3.30 Dlag made Heural Fignal 29 84 Dipid draw sculled and weeked clother Furuging to the ell first lower, dieft 2.3 kurte at 3.15. The answerin Line Iteamer Beelin presed up Instantion Otater at 3.00.

Storge R. Evulo, Eusign Q. F. M.

From 4 to 8 P. gn.

Clear. Hazy wrigen. Gentle breey from G. F.E., then light airs from I with to Obest.

Lieutenant On S. O.

From & P. M. to Rid.

Clean Light air from the Facthward fait three hour, NO last how. Iterady barmeter Passed assistant Surger H. B. Fith, M. F. Navy, reported his esteum from lear.

Jeorge R. Evens,

Energy M. F. Evens, Ensign U. S. W.

Examined and the chief Mayold Lovidi Q. S. O. S. O. S. Commanding.

J. B. Moilton, Truitenant U.S. D. Navigator

LOG of the UNITED STATES Phip Essex Third Rate, At anchor in Touthampton Water England

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.	State of	Forms of	Clear Oths.	oe Sea.
Hour.	Knots.	Tenths.	of Patent Log.	Ships head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
	Did	al b	unent	U													
A. M.																	
1	0	3	Ebl.	North	N. W.	1			30.16	65	64	63		b.m.w	none	10	
2	0	5		N. by 86.		1			30.16	63	62	61			.,	10	
3	1	8		1. 20.		2			30.16							10	
4	2	4		"		3			30.16	61	60	59		"		10	
5	2	0		r	N E. by N.	3			30.16	61	60	59				0	
6	0	5	Plord	98.	- 0	3			30.25	61	60	59		f.w.		0	
7	0	5				3			30.30	61	60	59		"		0	
8	0	5		96. ly 6.		3			30.35	61	60	59		b.e.f.	cir. strat.	2	
9	0	5		6.96.		3			30.21	65	64	61		в.	une	10	
10	0	6		38		3			30.20	65	65	62				10	
11	0	6	*			3			30.20	67	70	66				10	
Noon.		9	lack			3			30.19	70	74	68				10	

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.		,	"
Position at Noon:	Latitude by observations of ②	0	,	"
	Longitude by chronometer from Forenoon Observations of ②	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	"
		0	'	"
Position at 8 P. M.	Longitude by	0	,	"
Current during the	time, knots tenths per hour, setting to the			
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	,	
Deviation of the Co	ompass by Azimuth O observed at , "	0	,	"
Water expended du	ring the preceding 24 hours,	3	300	gallons.
Water Assembly	during the preceding 24 hours,	2	000	"
Water remaining or	n hand fit for use at Noon,	2	400	"
Coal consumed dur	ing the preceding 24 hours,	/ tons	660	1bs.
Coal remaining on	hand at Noon,	156"		
			-10	

		(4)	Making	passage from &	outhamestow (Englan	d t	o He	paris 1	Fra	uce					
			1	0 0	,			T	1	1		-				
P. M.																
1	0	2	866	North	Sorth	1			30.19	70	70	65	b.o.z.	cir.	9	
2	0	4		1.104.		1			30.17	72	70	65	. 0		9	
				N. C. Ly N.		1			30.17		,					
4	9	tan	dug de	rew Porthampton Water	38.3	1			30.18				,			
				of Hight various		1			30.18	72	71	67	,	,	9	
6	5	2	0	Inchange of Pilot	98.	2			30.16				houem.	nne	10	
7	5	9	0.2	Vauni		3			30.16				f.			
			49			3	0	0								
			9.0			3	0	0	30.19						0	
			15.0			4	0		30.17				b.	•	10	
11	6	0	20.4	9. 98.		4	0		30.17							
Mid.	6	5	26.6			4	0		30.17							
												,				
PROPERTY.								-	-			-		-		-

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

M. J. Colsman & Ensign Qu. 9.90.

Leitenant Q. J. N.

From 8 a. M. to Merid

Hazy and pleasant. Gentle brew from NE. by N. Bavoneter falling. at 9.30 mustered and ineported Sew at quarter and the following absented une reported, John Parker (Sea), J. H. Bernett (app 3.ch) and D. M. Kenna (app. 3.ch) from any 2. Pepid up all bags and inspected boys clothing at quarters. At 10.50 made Sub. 4560 and Chicago arrived the Horistod enoke stack and taited from its live of Local Deland moving shrink from starboard and first tables of the starboard from starboard. and started fire in boreer . I am file Temperatures of magazine 70:40: forward 66: 65° aft. The Asman Guergn M. F.W.

Dim Meid to 4 4.90 The Heady . Making preparation for getting indescript Bootherly airs friet three hones, F. Ely last home. Barmeter about steady. Making preparation for getting indescript Booth up port rucher. British in atam lanucle Pelor came on bond. Be all both lover bornes. At 3.30 made geneal Figural Intercretary 4890, Answerd Indian in African Indiana, at about 3.35. Hinding aking to the 5th tide. Draught of ship forward 1st, 2°, aft 16°, 4°. The Bull. England paraded grand I indiana at about 3.35. Hinding aking to the 5th tide. Draught of ship forward 1st, 2°, aft 16°, 4°. The Bull. England grands grand I indiana, a generative forward and aft and saluted in acknowledgment. At end of wortch standing draw I other with File James Bloth on the bridge Cocanat from the a. 5 of 8° bridges the fillians named man with their bago and bransanched and necessary transfer Brother for Soc.) A David (80°). In Social (80°). came on braid for passage to Havre.

Linge R. Evans. Eusign V. S.M. Orm 4 to 6 P.M. Hazy and pleasure. Right to gritle FE breeze. Franching ort of Farthampton Water under cour of pild with steam in britis at 5. and 5. At sud of watch off measured will lith steam in britis at both a C. b and T. A. Coloman. Decreese steam 55 lb. Revolution 32.5. anage steam 55 lb. Revolutions 32.5.

Eneign Qu. In. Foggy Dist how standing out from Frithern field on the bidge at 7.00 took departure with Nek light ship training (mag) 8.49. dictant to mile Patent bog reading . 2 Kt. Feb come Fly 6 to 6.00 exercing 17.50 m Public Bell.

From 8 P. M. to Mid.

Eusign U. F. M. Aggy fied bone, cleaning during latter four of writch Strutte to stiff breze from 96 Bacouster falling elightly At 8.50 changed cover to 9.6 per log returning water and me to contract many standard owner out existing water and make to cateful many standard count to the correct existing exists during writch At and of water proceeding count to the correct and 5. Appuntues at what average stand 56 across the transfer of 9.

J. B. Milton, Eusign R. S. 1 Linten and Ch & Ok Navigator

Thuid Rate,

LOG of the UNITED STATES Thip Essex Making passage from Southampton, England, to Haire France.

	1		0	U	. 0				,								-
To the	-	Take	Reading		WIND.				BAROME	ETER.	TEM	PERAT		State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea. Sky, in 10ths.	State of the Sea
A, M		6		2 /-2 1 0	98.	3-4			24	1.2	1.	50		f.c.		3	
1	4	0	30.0	9. by 6.146.	V6.				30.17						cum.		
2	4	0	34.0	"		3-4			30.17	63	61	59		6.	none	10	
3	5	0	38.6			4			30.15	63	61	59			"	10	
4			43.4			4			30.15	62	61	59			cir eum	10	
5	-		48.6		6. by N.	4			30.15	62	61	58		b.c.	cum usid		
6	5		54.2			4			30.15	63	61	58				4	
7	,	,	60.1			4			30.15	63	61	58				4	
	4	0 6 7	64.7	93/4 24.		4			30.15	63	61	58				4	
8	-	1		wa in for Hause	East	2			30.14	64	63	59		b.o.m.	cir.cum	5	
9			Country	g in for Havre		2-3			30.12	66	65	61				6	
10				"		2			30.11							6	
11	-																
Noon				moored to Dock.		2			30.10	69	68	64	-			7	
						-			1			-					

82. 1 Distance new by Patent Loa

- Diecau	re new by Carear org.			
	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	•	,	"
	Longitude by D. R.	0	,	"
	Latitude by observations of ②	0	,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	"
	(Latitude by	0	,	"
Position at 8 P. M.	Longitude by	0	,	"
Current during the	time, knots tenths per hour, setting to the			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the C	ompass by Azimuth O observed at , "	0	,	"
Water expended du	ring the preceding 24 hours,	40	0	gallons.
Water	· during the preceding 24 hours,			"
Water remaining or	n hand fit for use at Noon,	200	0	"
Coal consumed dur	ing the preceding 24 hours,	9 tons;	275	- 1bs.
Coal remaining on	hand at Noon,	9 tons;	15	
		1		

Monds to Other in Bassin de l'Eure Haver, France P. M. moved to Dock 6.96. 30.13 70 68 64 30.09 71 69 64 3 30.05- 71 69 65 b.c.d. 3 30.02 41 69 65 cum. 3 30.00 70 69 66 29.97 70 69 66 3 2 29.97 69 69 66 2 29.95 68 68 65 29.95 67 67 64 b. m. t.l. none. 2 2 29.94 67 67 64 0. c. v. 0 o.c. t. l. p. 3-4 29.91 66 66 63 0 11 3.4 29.88 65 64 62 oc.t.l.

under the command of

Commander Louis Kingsley Sunday, September 2.

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. bleav and cool Gentle to moderate beeze from FE. This on course S. by 514 E. (g.c.) under steam alone. Ferral sails in eight during watch analy steam of the Berletini 39.

W. Sentenant V. S.M.

Eusign & S.W.

From 4 to 8 a.m

Emu # to 8 W. M. Dair Moderate to quitle been from Ely N. Steedy barmeter Bone & by E/4 E. At 7.35 sighted brigh band on find low; at 7.40 Ch Dagnet Sight born (mag) E/4 9. At 7.45 Potter Sig reading 64 7 changel course to 8 9 4 4. Cilet on the bridge across munks revolutions . 42 7 Arrage starm present. 55 lb.

Through the Course of the bridge across munks revolutions . 42 7 Arrage to Event.

From 8 a. m. to merid.

Hozy but pleasant Gentle to hight beeze from East. Barrette falling. At 9.30 musticed at quarter and the following absenter even reported: John Carker (Sha), J. B. Bremett (Jep 3.6) D. M. Henne (Jep 3.6) from Changed by direction of Pilot. At 9.48 stopped said and lemed port life book to pick up cap. At 9.56 british what and started alread. At 10.50 clock started absent fell appeal and 10.50 called all bands bring alip to anchor On entering the lander, at harm fell carne about and longest the ship to anchor in Bassim de l'Eure. Dot not two lines astern to mornings action. Designation of magazines 70° 76° formed, 66° 65° aft. Druft of ship 14 fat forward, 16 fut it will a file. Ensign W. J. W.

From Merid. to 4 G.M.

Should and cool with light driggle of rain last line. Sentle breeze from E. F. E. Fent lettery party on shore at 1.30 P.M. alborre fine to die out under britere A. E. and D. Ensign & Every best the ship on these days leave of absence. W. A. Caperton.

Dem H to 8 9 m. Mity but pleasant. Gentle to light hery from E. F.E. Barmeter falling.

M. C. Coloman Ol. S. W.

From 8 P. On to Onid.

Bleav first how; cloudy with rain and shown and lightning and thunder to the Flat and Mr. the remainder of water. Baroneter falling clowly.

W. S. Caperlon

W. S. Caperlow U. J. D.

Examined and found to be correct.

J. B. Me iltor, Lucterant D. F. W. Navigator

LOG of the UNITED STATES Phip Essex Third Rate, Morred to Dock in Bassin de l'Eure, Havre, France

			Reading		WIND.				BAROME	TER.	TEME	PERAT		State of	Forms of	Clear Oths.	le Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moond to Dock.	£.	2			29.85	65	- 65	63		0.c.t.l.p	wint.	0	
2				"	.,	2			29.84					b.c.	4	0	
3				,,	4	2			29.80					0.0. pt.	"	0	
4						1			29.80					o.c.	4	0	
5					O4. 9 04.	3.4			29.80					b.c.g.	"	2	
6						3-4			29.81						4	1	
7						3-4		1000	29.82							2	
8						3-4			29.82	66	65	63				1	
						3			29.87						mint.	1	
9					1.16.	2.3			29.87					b.o.		1	
10						2.3			29.87							1	
Noon.					16. ly 1.	2.3			29.87					0.0.	,,	1	

Course and distance	re made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ⊙	0	,	"
	Longitude by chronometer from Forenoon Observations of O	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	"
			,	"
Position at 8 P. M.	Latitude by Longitude by	•	,	
Current during the	e time, knots tenths per hour, setting to the			
Deviation of the C	ompass by Azimuth O observed at , ship's head	•	,	
Deviation of the C	Compass by Azimuth ⊙ observed at , "	0	,	"
Water expended d	uring the preceding 24 hours,	4.	00	gallons.
Water	during the preceding 24 hours,			"
Water remaining of	on hand fit for use at Noon,	16	00	"
Coal consumed du	ring the preceding 24 hours,			
Coal remaining on		tons	18	· ·
		.,,,		

P. M.									
1	Moored to Dock	16. by 1.	2-4	29.73 6	3 62	. 59	b.c.	wint.	,
2		. 1	2-4	29.73 6					2
3		1.16.	3	29.75 6					3
4		J. &.	3-5	29.75	6160	58			2
5			3-4	29.90 6	1 60	58	b.c.g.	4	2
6			3-4	29.92 6	1 60	58		-	2
7			2	29.92 6	01 60	2.8	b.c.		1
8			2	29.92 1	60 10	28		,	1
9			2	29.95 6				4	1
10			2	29.95 \$	59 59	56		1	1
11			2	29.95				4	1
Mid.			2	29.96 3	59 58	56			1

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Sight beeze to light airs from FE. Overcast, with heavy rain aquall first and their hours, accompanied by thunder and lightning.

Lintenant W. F.N.

Eusign W. S.W. From 8 a. M. to Merid

Solondy, damy and cool Light to gutle breze from 94.994. evering to N. N.E. and

N.E. by N. Last hour . Phustered at quarters at 9.30, and the following men were retreat inthout leave;
John Parker (Sea), J. B. Brundt (app 30), and S. M. Kenna (app 30) (at 9.45 revered egyl yards

after which broke mt , and claud out for hold. By order of Emmanding Office placed & N.

Hirtor Cr. Mr. Icl. in emigle unis for three days for bring about without leave and drunk

m brand chip. Desuperature of magazines 71° 70° found, 67° 67° aft.

Allafertor.

From Merid to 4 PM. Sight to stiff breeze from No. to N. No., blooming in aqualler last home. Partly closely and cove. Feet a librity sparty of men and appendiced ashore. Restrict for bold.

George Ceaux W. F. W. From 4 to 8 P.m.

home; light buys last two homes of watch Odesed asit. agenter T. H. Hick left the ship n two days lead of absence. W. Afaperton.

Fight beeze from NE. bloudy and cool. b. A. Wilew (app 30) returned 3 hour montime.

George Grand N. S. Lintenant W. S.

George Grand W. S. N.

Examined and found to be correct.

J. B. Me iller, Leutenant & J.M. Navigator

LOG of the UNITED STATES Phip Essex Pluid Rate, Moored to Dock in Gasin de l'Eure Harry France.

			Reading		, WIND.				BAROMI	TER.	TEM	PERAT	URE.	State of	Forms of	Clear oths.	ie Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock	16.	2			29.97	59	59	22		b.c.	cir. strat	. 8	
2						2			29.98	59	59	55		.,	,	9	
3						2			29.99	59	59	55				9	
4						2			30.00						civ.cum	9	
5					*	2			30.00	59	59	55			etial.	4	
6						2			30.00	59	59	55		b.c.m.d.		2	
7						2			30.05	59	59	55		b.c.	cum sinh	2	
8						2			30.07	59	59	55				1	
9						2			30.09	59	57	55		od.		0	
						2			30.10	59	57	55			-	0	
10						2			36.10	59	58	56		Q.	-	0	
Noon.					1.18.	2			30.10	1						0	
	-														1		

Course and distance made good since preceding noon	by observations,	knots.		tenths.
(Latitude by D. R.		0	,	"
Longitude by D. R.		0	,	"
Position at Noon: Latitude by observations of O		0	,	"
Longitude by chronometer from	Forenoon Observations of O	. 0	,	"
		0	,	"
Position at 8 A. M. Longitude by		0	,	"
		0	,	"
Position at 8 P. M. Longitude by			,	"
Current during the time, knots tenths	s per hour, setting to the			
Deviation of the Compass by Azimuth ⊙ observed a	t , ship's head	0	,	
Deviation of the Compass by Azimuth ⊙ observed a	t , "	0	,	"
Water expended during the preceding 24 hours,		4	400	gallons.
Water during the preced	ling 24 hours,			"
Water remaining on hand fit for use at Noon,		1	200	"
Coal consumed during the preceding 24 hours,		tons	1530	lbs.
Coal remaining on hand at Noon,		146 "	620	

. м.				-						-
1	Moored to Dock	N. 16.	2	30.11	61	58	54	b.c.	cum.	2
2			2	30.11	60	59	55	-	cir cum	4
3			2	30.11	60	59	55			4
4			2	30.11	60	59	55			4
5			2	30.11	60	59	55		-	4
6			2	30.11	60	59	55			5
7			2	30. //	60	59	55			5
8		16.	2	30.11	60	58	55	-		5
9			1	30.12	59	58	55	b	Auns.	18
10		balm	0	30./2	59	58	55			10
11				30.12	59	58	55			10
fid.		N.NE.	1	30. 12	59	57	54			10

Commander Touis Kingsley Tuesday, Teptember 4. under the command of

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. bleav. Light breeze from NE.

blondy and cool, with light durping rain first part. Fight breezes from NE At & a. M. loosed solid to dry. Received on board his Dept. Supplies and accounts for result to new 78 lb. bread, 941. lb. Geek buf, and 971. lbs orgatables. W. Claperton. Be Lieutewart Q. J. M.

Onom 8 a. M. to merid bunn & 6, 40. Is should been from N.E. and N. N.E. Overcast and cool with displing rain fich two bunn Onesteed crown apparetus stop 3.0. Observe without leave I glad out the General Cappace D. On I General Cappace School Cappace Sc

George Senitewant W. J. M. Oum Meride to 4 9 m. Eloudy to fair Light brezy from A. N.E. Feet librity party ashore of men and appentices. The "Emmission de la Pharine" paid aw official visit to the Enhumenting Officer. Instructed appentine remaining on board in heaving the lead.

Lieutenant W. S. W. Denn 4 to 8 G.M. . Light bery from N. 46. and NE. Fair and cool.

R. Civitewant & & M. Frank & G. M. to Mid. Clean. balow middle part. Light air and begy from N. E. and N. N. E. Henrill.

Also Lieutenant & A.

Examined and found to be correct.

J. B. Me More, Lintenant Q. F. W. Navigator

LOG of the UNITED STATES Thip Essex Third Rate,
Moored to Dock in Bassin de l'Eure, Have, France.

			Reading		WIND.				BAROMI	ETER.	TEM			State of	Forms of	Clear Oths.	be Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Morned to Dock	J. N. E.	2			30.12	£2.	-1	.52.		le	cir.cum	8	
2				Moved to Ever	W. W 6.	2			30.12	57	56	53			1	7	
3				"		1			30.12					i.	"	8	
5						1			30.10	58	55	53		b.c.m.	cir.cum	2	
6				.,		0-1			30.12							4	
. 8						0-1			30.14							4	
9				,		0-1			30.17					,		4	
11						0-1			30.17							8	
Noon.				-		0-/			30.17	53	56	54			cum.	8	

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0	. "
	Longitude by D. R.	0	, ,
Position at Noon:	Latitude by observations of ②	0	, ,,
	Longitude by chronometer from Forenoon Observations of O	0	, ,
	(Latitude by	0	, ,
Position at 8 A. M.	Longitude by	0	, ,
	(Latitude by	0	, ,
Position at 8 P. M.	Longitude by	0	, ,
Current during the	e time, knots tenths per hour, setting to the		
Deviation of the C	ompass by Azimuth O observed at , ship's head	0	,
Deviation of the C	compass by Azimuth O observed at , "	0	, "
Water expended du	uring the preceding 24 hours,	30	o gallons.
Water	during the preceding 24 hours,		"
Water remaining o	on hand fit for use at Noon,	90	0 "
Coal consumed dur	ring the preceding 24 hours,	tons 5	95 lbs.
Coal remaining on	Latitude by Latitude by Latitude by Latitude by Longitude by Latitude by Longitude by Latitude by Longitude by Latitude by Longitude by Latitude by Latitude by Longitude by Latitude by Lat		5

P. M.							
1	Moored to Dock	Otest	2	30.15 60	59 56	b.c.	cir.cum 2
2			2	30.15 60	60 56	-	. 3
3			3	30.14 61	59 55	"	. 3
4		N. J. Ot.	3	30.14 63	60 55		., 3
5		4.18.	3	30.13 61	59 54		. 3
6		East	1	30.13 59	58 54	b.c.m.	nint. 2
7			1	30.12 59	58 54	-	" 1
8	"	balm	0	30.12 59	58 54		. /
9			0	30.12 59	28 22		. /
10			0	30.11 59	58 55		. /
- 11		*	0	30.11 59	28 22		" 1
Mid,			0	30.11 57	58 55		. /

or Commander Louis Kingsley Ohednesday, Teptember 5 under the command of

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to + a m.
Midnight to # a. M. bleav and cool Bright starlight . It ind light from N. N. E. T. K. Gray (app. 3.0.) and F. C. Pareler (app. 3.0.) returned on brand to Would be Wines over library and b. a. February app. 3.0.) returned on brand 30 hours one library. W. D. Caperlon.
T. K. Gray (agep. 3.0.) and F. a. Paislow (app. 3.0.) returned on braid 6 hours over librate
and ba & Thocks (app. 3.e.) returned on board 30 hours one library.
. W. Waperlow.
Leutewart U. F. O.
Trow 4 to 8 a. Mr.
Received on board in Pay Dyb. 78 lb. bread, 9712 lb. brif and 9712 lb. urgetables.
Received on board in Pay Dept. 78 lb. bread, 97/2 lbs bilf and 97/2 lbs orgetables.
Georbean,
George Seitenauk W. S. M.
From 8 a. M. to Merid.
Clear Hay Period Light airs from A. N. E. at 9.30 mustered at quarters. absent from S. N. E. at 9.30 mustered at
MURIUM WASELIN LINTHIUM LEIGHT CHEW CHOOL C. W. JUDGET STUW CHICA J. U.S. Clemen (Upon J. Cl. 1840)

B. Mr. Henra (App 3.0.) By order of Communicating Officer of Polar Conder (Sea), J. B. Bennett (App 3.0.) and B. Mr. Henratt (App 3.0.) and S. Mr. Henratt (App 3.0.) and S. Mr. Kenna (App 3.0.) who delailed denotes hading been about me little acide August 25. Exercical apprentices as follows: 14. Director, I will Director, Suight sticks had 5th Director, Mitchel Antituted the apprentices of 2nd in hearing the lead after diels. Communding Officer accompanied by Suign Mr. Mr. Daylor W. S. Mr. paid an official creek to the Mayor and Prefet George & A. Evans W. S. W. returned from leave of about Competative of magazines 70-70: forward, 66. 66. aft.

Cloudy. Light to gentle breze from Overt to N. N. E. Barometer uniteraly. At

George R. Energy Ch. F. W.

Orom 4 to 8 P.m Cloudy to fair Light air to gutte brew from East thew calm. Received on board in Equipment Text. I darrel line and in Constitution 90 letter alcohol and 22 letter turgentime. Energy b. J. boleman M. F. M. returned from leave of absence.

Gentenant W. J. M.

Luitenant U. S.M.

From 8 P.M. to Mids Bair. balow. Steady barometer. Peter Rose Grb. N., returned on board 17 hours

Forge R. Evan. Ensign Ch. F. M.

Examined and found to be correct.

Lieutenant & F. M. Navigator.

LOG of the UNITED STATES Thip Essesc Third Rate, Moored to Dock in Basin de l'Eura, Havr. France; Making passage to Touhampton England

								-		V V					U		
			Reading		WIND.				BAROME	ETER.	TEME	PERAT		State of	Forms of	Clear Oths:	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths:	State of the Sea
A. M.																	
1				moved to Dock	38	1			30.19	58	56	54		b.e.	nint.	3	
2						1			30.15							3	
3					balm	0			30.11	56	56	54		b.c.tl.		1	
4						0			30.10	59	56	54		0. n.l.		0	
5					9.90%.	2			30.10	58	56	54		b.c.p.l.t.		2	
						3			30.10	58	56	54				2	
6					F 94.	3			30.10	58	56	54			cumain	4.4	
7					Ot. by N.	4			30.10	58	56	54				1	
8					04.904.	2			30.13	55	55	52		b.c.p.		1	
9						2			30.13	57	56	53				1	
10				The state of the s		1			30.13							2	
11					East	1			30.14					b.c. p.t.	-	2	
Noon.					O WAT	1				-	1			,			

Course and distance made good since preceding noon by observations,	knots.	tenths.
	0	, "
Position at Noon: Latitude by D. R. Longitude by D. R. Latitude by observations of ©	0	, ,,
Position at Noon: Latitude by observations of O	0	, ,,
Longitude by chronometer from Forenoon Observations of ⊙	0	, "
(Latitude by	0	, "
Position at 8 A.M. Longitude by Longitude by	0	, "
(Latitude by D. R. from Departure	49°51	3' N."
Position at 8 P. M. {Latitude by D. R. from Departure/	0 0 20	o' %. "
Current during the time, knots tenths per hour, setting to the		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0	, .
Deviation of the Compass by Azimuth O observed at , "	0	, "
Water expended during the preceding 24 hours,	3	o o gallons.
Water Olisand during the preceding 24 hours,	2:	200 "
Water remaining on hand fit for use at Noon,	28	00 "
Coal consumed during the preceding 24 hours,	/ tons/	040 lbs.
Coal remaining on hand at Noon,	145 "/2;	25

-1							1	 -	-	-			-	-		
	P. M.															
	1			J.	aving Harbor	East	2	30.14	59	58	53	b.o.p.	cum wint	4		
	2			Standy	ig out from Havre.	A. ly E.	3-5	30.14				f.o.				
		5	2	82.9	Carini		3-4	30.15								
	4	4	5	87.4	Varione	North	3	30.16								
				93.3			3-4	30.16								
				98.7		A by 6.	5	30.19				в.с.р.				
				3.3		North	3-4	30.18	59	57	53	b.c.				
				7.9		-	3	30.19								
				11.9			3	30.20					cum.steat			
				16.8			3	30.20						8		
	11	3	2	20.0			3	30.20	60	28	54			8		
	Mid.	4	2,	24.2		~	3	30.20	59	58	54	-		9		
									1							
	SERVICE CO.	Pintage.		Service of the service	THE RESIDENCE OF STREET, STREE	NAME AND ADDRESS OF THE PARTY OF THE PARTY.	TOTAL CO.			-		THE RESERVED TO STREET, STREET	-	LOUVE	-	

Ensign U. J. W.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. blondy with rain during last how balus to light airs from NE. Barrowter falling. Thunder and lightning at times. N. J. Solsman

From 4 to 8 a. m. moderate brezo from 9. 9th to Oh by N. Received in Dept. of Phipplies and lightning Light to moderate brezo from 9. 9th to Oh by N. Received in Dept. of Phipplies and accounts the amount and quality of fresh provisions as yesterday. Planted free under boilers of be and D. at 80 clock. Herell. In Lieutenant U. IN

From 8 a. On to Merid Cloudy, damp with light vain occasionally. Light breeze from ON by it to E. by S. at 8.20, then arriving to Or Fob coming out from Eastward last how. Singled line astern and harled stern into dook, for purpose of leading home on braid Received in Pay Department 2200 gellow fresh water (9.9 tm) At 10.00 mustered at quarters By more of the Baptaini cleased from confinencial E. Bricker D. Mr. 10. Lie term of confinencial harring tagented Rescent an official crief from the Thom the Mayor of Havre Denght the chain to the capitan Senguation of magazine 70-70: found, 67-67: eff. George D. Lyman was enhited on brand as Geometric from the chain to the capitan. enlisted on brand as Teaman for three years. Storge R. Eram,

From Meid to 4 P.M. Officer till 2.7 orling trading 80.3. As 45 Feb cample light by Elect La Jacken Land and a lie & hand a character of the land which the strip and the strip course to N12 the patent by nathing 87.4. At end of watch steaming in course I. 12 W. with fire under briles. A. E. and D. Cornage steam 55 th. Revolution 33.8 appendix at the wheel. n. W. Johnson

c. Ensign W. In. Oum 4 to 8 P.M. Fries part cludy, varining with a steff been between 5.00 and 6.00. At end of watch bright starlight thing barmeter & much N 12 Et. Ruder steam alone. Dornage steam pressure 55 lbs. Revolution 36. At about 7.40 dispersed Friest Light braining (p.c.) about F.E. by F. France,

Mrs. Ensign W. S. W. From 8 P. M. to mid. Cantally cloudy clear horyon distant lightning Gentle breze from North Barmeter strady.

But eight of aerology light of Harre at 10° oclock Flighted no other lights during witch le end of witch under straw in bother A. b. and D. on course A 12 th appendice at which arrays estam 35 th arrays revision 35 th arrays revision 35 th arrays revision 35 th arrays aerolation 35 th arrays aerolation 36 th arrays are also arrays aerolation 36 th arrays are also arrays 400 Grugn U.S.M.

Examined and found to be correct.

J. B. Moillin, Sen. Navigator.

LOG of the UNITED STATES Phip Essex Phird Rate, Making passage from Haver, France to Gouthampton, England, and at auchor in Suchampton, Inter.

	Reading COMPANY STEEDEN				WIND.				BAROME	TER.	TEMI	PERAT		State of	Forms of	of Clear in 10ths.	he See
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	Stateofthe Se
M.	47	,	28.9	So. 14 Ok.	North	2-3			30.23	58	57	63		b.c.	civ.cum	9	
2	4	4	33.3			2.3			30.23	58	57	53		-		9	
3	7	3	37.5	1. hg.		2.3			30.23	57	56	52				9	
	3	0 9	38.8	A 14 4 12 84.	"	2.3			30.23	56	55	51			cum.	8	-
4	,	3	49.8	4 194./201.	NOV.	3			30.21	56	55	51				7	
5	5	9	55.7	Vauvie		3			30.21	55	54	50		,		6	
6	5	1	61.4			3			30. 22	55	54	50		,	-	6	
7	5	7	67.3			3			30.23	54	53	50				4	
8		9	1	N by 94.		3			30.23						civ.um	. 2	
9	us	au	chor	wy w.		3			30.24					-		6	
10			EH	NO. ly 04.	Ox. N. Ox.	3			30.24							3	
11 oon.	0	2		ou w. by w.		3			30.24		,				cum.	3	-

90. 4 Dietauw num by Patent log			
90.4 Dictauce acm by Catcut log. Course and distance made good since preceding noon by observations,	knots.		tenths.
	0	,	"
Latitude by D. R. Longitude by D. R.	. 0	,	"
Position at Noon: Latitude by observations of O	0	,	"
Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
	0 .	,	"
Position at 8 A. M. { Latitude by Longitude by	0	,	"
	. 0	,	"
Position at 8 P. M. Longitude by	0	,	"
Current during the time, knots tenths per hour, setting to the			
Deviation of the Compass by Azimuth O observed at , ship's head	0	,	
Deviation of the Compass by Azimuth O observed at , "	0	,	"
Water expended during the preceding 24 hours,	Ц	00	gallons.
	7	00	<i>u</i> ,
Water during the preceding 24 hours,			"
Water remaining on hand fit for use at Noon,		100)
Coal consumed during the preceding 24 hours,	8 tons	550	lbs.
Coal remaining on hand at Noon.	137 " /	· Y.5	

Ī														
	P. M.				-		-		1		0			
	1			Flack	94. by A.	Q1. N. Q1.	3.4	30.23 6	3 6	0 54	b.	eum.	3	
	2	0	4				4	30.20 6	3 6	0 53			3	
	3	0	5				4	30.20 6	46	1 53			4	
	4	0			101.	NO.	4-5	30.20 6	3 6	0 53			4	
		0					5	30.19 6	015	9 53			5	
		0			Not. by Ot.	NO. ly 94.	5	30.18 6	0 5	9 53			4	
		0		13.		Of . A 64.	4	30.19 6					5	
		0			,,		3	30.19 6					7	
		0		.,			3	30.17 5					3	
		0		,	Oh. by N.		3.4	30.15 5					2	
	11			"	O1. NO.		2	30.14 8	59 5	5 53	0.	mil	0	
	Mid.				.,		1	30.13			0.c.N.		0	

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. m. Clear and cool. Sight to gentle breezes from North Under steam alme on corner N. 12 a. (p.c.) until 2.55 when commenced to clauge it flow time to time until 4 o clock when it was changed to N. N. a. 12 a. (p.c.) at 30 clock eighted Owner Light ship braining almst North (mag.) Secural steams in eight during watch. awage steam 55 lb. arrange revolution 36. W. Blakertte. unc Lieutenaul U. S. W.

Orm 4 to 8 a. M

Dair South beyon from & & Piering barometer This under steam alow steering corner & 1. 18 4. 12 4. mittle 5:10 when changed to & 18 18. 14 48. Pater frog 50 8. At 4. 42 sighted Nat Sighttelija about 1/2 jets. port low Pater & 5. O. At 4. 22 had Owner Sight alram abrased of I at Sighttelija at 5. 50 and troll spilot on brade at 6. 30; steering various consess standing up channel toward Spithead, pilot on the bidge . Made preparations for sport

Storge REvous,

From 8 a. M. to Merid

Daving frish bon of watch standing in to surchorage in Grithangton Water Otheried permission from the Chicago to suchor and to bank fries at \$30 called all hands bring chip to suchor and \$5.55 let go etaboard anchor in 5 fathoms water, would to 31 fathoms, secured chain; builded fries Constituted and steam lancel. Commonwarding Officer paid an official visit to the Chinago Braiding Officer from B. M. F. Australia paid an officer will to this chip and extended ment continued by an officer from their chip. Made Intergatory 6,144 and Chinago answord yes. At 9,30 count topgallow yield Backed fries under biles A. C. and D. Bealth officer winter chip and gravited pratique Touristative of magazine 71-71 for 66-65 aft. Draught of chip 13 fat 11 inches found, 16 feet 212 inches aft. Received in braid from the 4 F. Bherge for transportation to the Olivital States, Benjamin Bailey (Marchinet). for transportation to the Olivited States, Benjamin Bailey (Marchinish). Ousign U. S. W.

Partly clody wrather. Gentle to moderate herzes from O. A. O. and A. O. Making preparations for eva rand getting ready to receive coal. Flack water about 10 clock; sening to the elb about 1.20 P.M. Communical distilling at 2.00 with free bouled under boles A. C. and T. W. G. Malletter.

Leitewant U. J. N.

me Eusign W. J. W.

Partly closely and cool Ftiff to gentle been from N. to N. C. by M. Bremeter felling. at 6.50 received on front inde me cool lighter and hands from lighter commenced coaling chip booted in steam launch Banked free under botten A. E. and D.

Own & P. M. to Phil.

Show and Salf law. Gentle beezes from D. 19. falling high batter pack of watch braken ghip from schoner on port aids. Ebt tide. Dichelling with frie banked under briles A 6 and 5.

Electenant Ol. J. M.

Examined and found to be correct.

J. B. Me illow, Limitenant OU & OK. Navigator.

LOG of the UNITED STATES Phijo Essex Phied Rate, and off Yermonth. England & Making passage to Madein.

			Reading		WIND.				BAROMI	ETER.	TEME	PERAT		State of	Forms of	Clear Oths.	he Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
М.																	
1	0	2	Ebb.	West	Of. 186.	2			30.11	59	56	54		0.c.d.	numb	0	
2			Glack	901.	Hest.	3			30.06	59	56	54				0	-
3	0	2	20	9.901.		4			30.02	2.8	56	83		0. d. gr.		0	H
4	0	2		gov.		3-4			29.99	59	55	54				0	F
5	0	4		Ot. 9. 94.		4			29.93	59	55	54				0	H
6	9t	and	mig out	Vannie		4			29.89	59	55	54				0	+
7			haupton			4-5			29.88	59	55	54			1	0	-
8	V.		at auch			5			29.87	59	55	54			-	0	1
9				N &.	N6.	4			29.90					b.c. n.g.		1	+
0	Se	thus	underway	,	1.48.	4			29.94	56	55	54		b.c.		2	+
				the Reedles		4			29.98						-	3	1
11 //./5 oon.	-	,	72.86	Oli sat.	A by 2.	4			30.02						cam unit	. 4	1

'5 . 1 Distance new by bog .			
Course and distance made good since preceding noon by observations,	knots.	t	enths.
	0	,	"
Longitude by D. R.	0	1.	"
Position at Noon: Latitude by D. R. Latitude by D. R. Latitude by observations of ⊙ Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
Longitude by chronometer from Forenoon Observations of O	0	,	"
	0	,	"
Position at 8 A. M. Longitude by Longitude by	. 0	,	"
(Latitude by	0	,	"
Position at 8 P. M. Longitude by Longitude by	0	,	"
Current during the time, knots tenths per hour, setting to the			
Deviation of the Compass by Azimuth ⊙ observed at , ship's head .	0	,	
Deviation of the Compass by Azimuth ⊙ observed at , "	0	,	"
Water expended during the preceding 24 hours,	4	00 g	allons.
Water during the preceding 24 hours,	6	00	u
Water remaining on hand fit for use at Noon,		00	u
Coal consumed during the preceding 24 hours,	4 tons	1610	lbs.
Coal remaining on hand at Noon,	172 "	1785	-
	,	. '	

1	P. M.																
		7	6	32.8	West	A. ly 94.	4	0	0	30.03	59	57	53	b.e.	cum mil	4	9.
	2	70 24	57	40.7	24.16 dy	1. 29.	5-	0		30.06	,					6	
			,	48.0			5	0		30.07		,				6	
	4	7,4	3 6 9 0	56.0	24. 12. Av .		5	0	0	30.08	60	58	53			6	
		7	0	63.6			5	0	0	30. 10	61	59	54		-	6	
		9	0	73.5			5	0	0	30.15	61	59	52		cum.	.7	-
		7	2	81.5			5	0	0	30.15	60	58	54			8	-
	8	7.	8	90.0	:.		5	0	0	30.15	59	28	54			9	
	9	7,	2	90.0	Hert &		5	0	0	30.20	57	56	52		''	9	-
	10	8	4	6.9	vily 9		4	0	0	30.23	57	56	52			9	
	11	8	3	15.2		-	3-4	0		30.24					"	9	
	Mid.	8	21	23.6	-	1	3-4	0	0	30.25	56	55	51	b.	moner.	10	

U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Light to moderate beeze from ON NO and Orect, downing in puffer last two homes Occased with drugsing nain. Barometer falling Dide turned flood at 2.00. at 2.00 finished cooling ship baring received on brand in Equipment Dept. 40 2240 true of coal. Banked frie in briles A. b. and D. Dietelling.

Orm 4 to 8 a. m

Geo. R. C. Edutement M. S. M. Orweast and equally. Moderate to stiff brey from Neet, increasing Baronette felling. At 5.10 called all hands up anchor. Accepted premiseion from Chicago to get underway at 5.35 coucher whe up and wint ahead with engine standing at of Inthompton Chater under even of field James Chith. Draught of ahip 14 feet, 4 wisher forward, 16 fabrincher aft. At 80 clock came to anchor off Linnington to make for the weather to clear up Bearings of anchorage Light How, Hust bestle W. I. W. Sud of pier Mammeth I 3/4 W. Their head A & all p. J. 5 fathous water; 45 fathoms chain, vanie diaught as

before. Banked fries at 8 o'clock under boilers it : 6. and D.

From 8 U. M. to Merid

200 Ousign W. J. W. Generally cloudy with rain aqually friet how. Moderate breezes from N.E. backing to 4 by W. by end of watch. Road preparation for getting underway and at 9 45 how up auchor and of of harbor with the Gibt at the course Mosel per, put over patient by at 11.05 and took departure from Needles 21, put over patient by at 11.05 and took departure from Needles Light House Indianged pelot and at course Mosel per, put over patient by at 11.05 and took departure from Needles Light House Indianged of 11.20 made sail to topsails except manuscript at 11.40 and to to toward stoward and want toward of 11.40 and to the total toward stoward and want toward to the sail to toward towards and want to the sail to t manicale: at 11.40 act for topmach stayonil and main tryiail and at 11.45 act main and muzzer topmach stayonil At each of watch ship under stam, topicale, forcail, jet, for main and muzzer topmach stayonile main tryiail and aparless on her come Thest (pc.) This draft 16, 5% aft and 142 forward. Orwage steam 55 lb. Carrage newlection 43. Temperature of magaznes 70-70- forward, 66-65 aft.

Our merid. to 4 4.9W.

Willaperton. Lieutenant U.S. N.

n. J. Cortin.

Moderate to stiff breeze from I by & and b. 48 . Bair, col and pleasant. I most leave by order of the boundaries officer made the following changes in the concer at 1.05 to 4.12.4; at 1.25 9. 164. 4. 31.2. Wish: at 3.46 9. Lyd. patent log reading 5.41. at 1.05 aund Light Home was about dictant 1.8 miles. The Thankles Light ship was about at 3.42. Quiled topsails at 1.50 and shifted main togetich. It and of watch under team, forcicle weet for and off will except flying fit Newing borlew 4. b. and D. Exhaugus about of watch the american Lever beer from examine to the special party matter stranding to the Web Jose et austin, the clothing and bridging of D. Mr. Hune (app. 3.0) J. V. Bemett (app. 3.0) and J. Parker (Ger) desertes. amount realized 33.30. amage straw 56 lbs. Revolutions 43.3. appendice at the while

Bum 4 to 8 P.W

Lieutenant Q. J. N.

Clear Faff breeze from A. A. H. Franung . Inder forward and for and aft sail except flying job. at 4.21 Bill of Postend lightakan po. distant about 5 miles Course & Lyd (grs). arrage eterm pressure 55 lb. Birthitimi 45. at 7.45 sighted Start First Sight dead alead apprentices at the wheel.

From 8 P. M. to Mid

Lieutenant U. J. M.

Bught starlight Stiff moderating to gentle breze from it NW. Riving baromete. Ander steam and some sail as feverating watch . It 8.10 changed course to West Patenthy reading 9.2. At 10.00 Frair Point It. box abram, it by the factor of the start of the

Ensign W. S.M.

. B. Meillow, Lietenaul & L. Navigator.

LOG of the UNITED STATES Thip ESSLX Phird Rate, Making passage from Pouthampton, England, to Tunchal, Madeira.

				0	0		0		- 0	-		_				d
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	er. Of		Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	95	7 0	3/.6	Ot. by 9.	It orth	3	0	0	30.25 5	6 5	1 51		b.	none	10	9.
2	8	2	39.8		"	3	0	0	30.27 5	6 5	1 51		"		10	"
3	8	1	47.9	7		3	0	0	30.27 5	6 5.	52		"		10	
4	8	2	56.1		46.	3	0	0	30.27 5	8 5.	52				10	
5	8	+	64.6		1.16	3.4	D	0	30.30 5	8 5	- 52	58	b.c.	cum strat	9	
	9	0	74.1	7		4	0	0	30.32 5	8 5	- 52	5-8		"	9	
6	9	1	83.2			4	0	0	30.34 5	8 51	52	58		"	9	
7	1		93.0	,		4	0	0	30.36 5	9 5	53	58	-	-	9	
8	9	6	1			4	0	0	30.40 5	, ,	154	58			9	1.
9			2.4	•		4	0	0	30.40 5	1					5	
10	8	0	11.1							1 5					5	
11	5	6	16.8		"	4	0	0					-		5	
Noon.	4	5	22.6			4	0	0	30.42 6	00 8	9 50	2.8		cum.	0	1
												1			L	1

190. 9 Distraus	e nun by Pateal bog Departur e made good since preceding toon by obse			
Course and distance	e made good since preceding noon by obse	rvations, 901. ly 04. 14 04.	//0 knots.	tenths.
	Latitude by D. R.	0	49 ° 06 's	Nr. "
	Longitude by D. R.		5 ° 54 '6	24. "
Position at Noon:	Latitude by observations of O		4.9 ° 07 '.	N. "
	Longitude by chronometer from Forenoo	on Observations of ①	5 053 16	24."
	(Latitude by D. R. fune None		49° 22'	N."
Position at 8 A. M.	Latitude by D. R. from None Longitude by Chrownetter.		49° 22' 5° 20'	Ol."
	Latitude by D. R. from Nom (Longitude by Chronmeter from Of		48 0 40'	
Position at 8 P. M.	Longitude by Chronometer from af	temon observation o	6 ° 49'	Ot. "
Current during the	time, knots tenths per hou	ar, setting to the		
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0 /	
Deviation of the C	ompass by Azimuth O observed at	, "	0 ,	"
Water expended du	aring the preceding 24 hours,		350	gallons.
Water	during the preceding 24 he	ours,		"
Water remaining o	n hand fit for use at Noon,		225	0 "
Coal consumed dur	ing the preceding 24 hours,		12 tons 90	lbs.
Coal remaining on	hand at Noon,		160 " 1693	

Ī											T						
I	P. M.				@1 0 0	1004				. ,			, ,	,	cum aint.	2	9
				28.5	9. ly 9.	N & by N.	4-5			30.42 6							
+	2			34.3		18.	4-5	0		30.42 6					cir. eum.		-
	3	5	2	40.0		"	4-5	0	0	30.42 6	0/ 5	9 5	6 62		-	8	
	4	5	6	46.2			4.5	0	0	30.42 6	1 5	9 5	5 62		-	4	-
	5	6	3	52.6		16. ly &.	4	0	0	30. 42 6	16	0 5	6 62			4	-
	6	6	5	59.3		. 0	4	0	0	30.426	2 6	1 5	7 62	,		4	
	7	5	7	65.6		,,	4	0	0	30.42 6	2 6	0 5	6 62			3	
	8	5	4	71.5			4	0	0	30.42 6	2 6	0 5	6 62			7	
	9	5	4	77.0			4	0	0	30.426	16	1 8	7 62		-	7	
	10	4	6	81.8	,		4	0	0	30.446	02 6	0 6	2 62			8	
	11	+	2	86.3			3-4	0	0	30.45-6	2 6	0 5	2 62			9	
	Mid.		5	91.5			3-4	0	0	30.45 6	2 6	00 5	7 62			9	

Commander Louis Kingsley Tunday, September 9

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to # a.M. .

Clear and cool Bright starlight. Gentle brew from North to NE.

Baronte stady. At 12.55 Eddyston light box alrand, just visible. Fighted many stames during watch. At 3.15 took in foresail at end of watch under for and aff sail and aram with fine under boles 4. b. and 5. appurituse at the wheel On cour & by F.

From 8 a. M. to Merid.

W. Saperton . Levitenant 2 9 90

(Noderate brey from N. N. E. Dair, crol and pleasant. Smooth asa. Muster and inspected crev at quatter at 9.30, and Community Officer inspected chip. Afterwards had been Muster and wat intile of the audithe from Stepped sugness of 16.30 and currenpled propeller. Allowed free to die not under briler to and Distilling with bother it. I ork in main trypais at 10.30 and at manuscil at 11.30. At 10.30 held Diving Function in braid, the Community Officer conducting the review of end of watch words all stages and plain sail to egale around the more stages. Revolutions 46. Temperature of magazine 71.2 forward, bit to appropriate at the volust.

From Meids to 4 P.M.

Steintmant & P. P.

Stein Indianal Regul & Property of the Stein Ste

Dean 4 to 8 P.M. Sair Moderate beezer from 46 by 6. Baroneter steady. Fororth sea. Execusing concer the by 9. under all plain sail except flying get, together with main and migger togenast stayable. Distilling with fuce banked under biles 4. Ut 6.25 took in lower stuined. Appendicular the wheel.

Brow & P. M. to Pride

Brow & P. M. to Pride

Bleav and pleasant. Bught mornlight. Moderate to gentle breef from N. E. Baronette rising at 10.50 tors, in sparker. Sighted a valeng visel standing to the N. and Ed. not aboung any lighter. At each of with under all equal each to royale, with jet, on come N. by S. Distilling with banked free weeks biler A. appentices at the wheel.

n. M. Colsman Ensign W. F.M.

Examined and found to be correct.

J. B. Mo Iton, Linterant & & M. Navigator.

Third Rate,

LOG of the UNITED STATES Phip Essex The Making passage from Touthampton, England to Funchal, Madura.

			Danding		WIND.				BAROMET					State of	Forms of	Clear Oths.	he Ser
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	64	2	96.0	9. hy 9.	6.16	4	. 0	0	30.49	62	60	57	62	b.c.w.	cum.	9	9.
2	4		100.5	7		4	0	0	30.50			1000		b.w.	none	10	
3	5	7	5.8		-	4	0	0	30.50	62	60	57	62	2		10	
4	5	0	10.9			4	0	0	30.49	62	61	58	62			10	
5	3	5	14.3			4	0	0	30.49	62	61	58	62			10	"
	3	4	17.7		,	3	0	0	30.50	62	61	58	62	be	Cum strat	9	
6	3	6	21.6		4	3	0	0	30.51	62	61	58	62		-	9	
7	3	5	25.6			3	0	0	30.52	62	61	58	62			9	
8	4	2	29.9		6. by A.	4	0	0	30.54	63	60	58	62		cir.aum	9	
9	4	0	34.0			4	0	0	30.54	64	61	58	61			9	
10	3	3	37.6			4	0	0	30.54	66	61	59	61		cum.	7	-
Noon.	4	2	41.5			4	0	0	30.54				61			7	

112.4 Dietaure new by Patent Log.

Latitude by D. R.

Position at Noon: Longitude by D. R.

Latitude by observations of O

Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. Latitude by D. R. furm Norm Longitude by Observation O

Position at 8 P. M. Latitude by D. N. from Norw

Longitude by Chrometter from Attenual observations

Current during the time, 5 knots tenths par hour, setting to the & S. &

Deviation of the Compass by Azimuth O observed at 80.9%, ship's head U. ly 9. Deviation of the Compass by Azimuth O observed at & Q. M., "

Water expended during the preceding 24 hours,

during the preceding 24 hours, Water distilled

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

Course and distance made good since preceding noon by observations, F.N. by W./24. //3 knots. tenths.

47 ° 59 ' St. " 8011 194 "

48 ° 01 ' N. "

8 004 '04. "

48°08' N. "

7 ° 45 '94 " 47 ° 41 ' Nr. "

8 °46 'W."

18° 58' 04.

3 . 18 . Ot. " Gariation used 19° 25' 2.

350 gallons,

700

2600

tons /800

159 " 2135

-	P. M.																	
ľ		3	7	50.5	O4. ly 9.	6. by N.	4	0	0	30.53	66	63	60	61	b.c.	cum.	7	9.
				53.9			4	0		30.53								
		3		57.5	,		4	0	0	30.52	69	62	59	62		cir. cum.	7	
	4	3	6	61.1	- "		4	0	0	30.52	66	62	59	62	-		8	
	5	4	1	65.2			4	0	0	30.52	69	66	61	62		cum steat.	7	
	6	5	0	69.7			4.5	0		30.52						cir.um.	7	
	7	4	8	74.5			4-5	0		30.5%								
	8	5	1	79.6			4.5			30.51					-		8	
	9	4	7	84.3			4-5			30.49							9	
				88.9	••		4-5	0		30.49							9	
	11			93.5		·	4	0		30.49								
-	Mid.	4	7	97.9			4	0	0	30.49	62	60	27	62			8	
											1000							

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Slean and pleasant. Bright starlight. While moderate from 6. N. E. at 12/5-hauled down migren topmark stargail and at 1.00 haulest up starbard cleve of manisals. Enner Mr of ly of (po) at each of watch elig on her cause under all plain exil to royale, except flying jet, starband clev of manisals and eparter. Distilling with fire banked under boths it. appretise at the what.

Orm 4 to 8 a.M

Mordenate to gentle been from E. W. 6. blear and pleasant. Smooth eas. It starband studding earl at 7.00. At end of watch on conver the by I, under starband studding earl and glain earl to engels. early flying jil, water clear of manical and sparker. It producted by 3.30. Flushed below. One earling well in right, standing to I'd. and Ed. apprentises at the wheel.

From 8 a. M. to Merid.

Clear. Mordevate breeze from E. by N. At 9.30 mustered at quarters. Exercised all apprentices during 1th and 22th periods at abortening bail and fulling and refining and making sail again our main. Eleaned bleger and allowed fries to the only one boiler it. Apprentices but migged topsail and gaff topsail. Apprentices at the whole Fernal as it is not gaff during the water Guden same sail as in water to the state of the sail in the sail in the sail of the sail preceding witch with the might topsail additional. Come It by I (go, Plubut bour chains and around account Brurell.

Orom Merid to 4 P. 9W.

Leeitenant U. J.W.

Clear and pleasant wrather. Moderate breeze from 6 by N. Baronter falling alonely. I mooth ere. Conner Or by I. Under same earl as preceding with. Exercise apprentices of worth at loveing and fulling megon topical and or geff topical for 5th period; all apprentices genery it period: gymnactical lead and log line and compast 5th period. Apprentices at the wheel. One earl in eight, two points in port quarter, hull down at end of watch. Jeorge R. Evans,

Ensign W. & W.

bleav and pleasur. Indust to stiff begy from 6 by A. Barmeter steady. At 1. 30 took in low standing earl At end of water all request wait to expely except wrather clear of manual with jet on course of by B. At 6. 45 converted all brands at entiring toperals, two in an engage ref in toperals, then show the set and modes in a course of the standard and modes in a course of the standard and modes in a course of the standard and the standard and modes in a course of the standard and the standard as the st

out reef and made sail again. apprentices at wheel.

n. V. Joleman Oneign U. J. M.

Oum 8 G. M. to Mid bleav and cool. Bught mornlight. Indente to stiff bregge from & by the at 110 clock handed up part cleve of manical. They on her cure It by I (po) and at end of watch, under all plane said to egale, earept flying jet, manual and eponetics. apprentices at the wheel MACaperton M. Blaperton

Suitenant M. J. D.

Examined and found to be correct.

J. B. Me More, Linternet Ob. S. Mr. Navigator.

Third Rate,

LOG of the UNITED STATES Phip Essler Third Making passage from Southampton, England to Funchal, Madeira.

	1	10	-	1 0	0		7											
			Reading		WIND.				BAROME	TER.	TEMI	PERAT		State of	Forms of	Clear Oths.	le Sea.	
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea	
A. M.	52		2.2	M. ly F.	6. by A.	4	0	0	30.44	62	60	SY	62	b.e.	cir.cum.	8	S.	
2	4	2	6.2	7.09		4	0	0	30.44			,			"	8		
3	4	3	10.5			4	0	0	30.43	62	60	57	62			8		13
4	4	5	15.0		Gast.	4	0	0	30.43	61	60	57	62			8		
5	4	4	19.4			4	0	0	30.45	61	60				:	7		-
6	4	3	23.7			4	0	0	30.45						cum.	5		-
7	4	0	27.7	1		4	0	0	30.45			100	,			5		+
8	4	6	32.3			4	0	0	30.46	63	60	57	62			8		1
9	5	0	37.3		6. by 1.	4	0	0	30.47	64	61	57	64			8	JH.	1
10	5	2	42.4	•		4	0	0	30.47		61		64			8	1	
11	5	2	47.6			4	0	0	30.47	65	62	28	65			6		1
Noon	5	2	52.7			4	0	0	30.47	66	62	28	65		-	5		1
										-								1

107.3 Dictaur num by Patent org.

Course and distance made good since preceding noon by observations, 90k by 9k.

Latitude by D. R.

Position at Noon:

Longitude by D. R. Latitude by observations of O Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. Latitude by D. R. furm Norw Longitude by Observation

Position at 8 P. M. Latitude by D. B. from Nord Stanoon Pharmaticis Current during the time, 1/2, knots tenths per hour, setting to the Ohest. Transition of the Compass by Azimuth ⊙ observed at 80, M., ship's head \$4,94,3/4 \$4.

Deviation of the Compass by Azimuth ⊙ observed at 80.9%, "

Water expended during the preceding 24 hours,

during the preceding 24 hours, Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

104 knots.

46 0 59 1. " 10 014 104. "

46 0 59 . V. "

10 0 16 94. " 47 ° 10 'J. "

9 0 51 . 24 "

4600611."

10 054 94. "

19016,9%.

2 0 41 . W. "Char used 20-05 %.

350 gallons.

2250

tons 595

159 " 1540

P. M.						T												-
1	5	8	58.5	99.12 24.	E.lys.	5	0	0	30.47	64	63	58	64	b.c.	cuse.	5	m	
2			65.1			5-	0		30.44							5		H
3			71.3		81.3	5	0		30.42							6	-	
			77.9			5	0	0	30.39	64	63	59	64		4	6		H
			84.8			5	0	0	30.40	63	64	59	64	4	"	6	£.	
			92.5		E. by 1.	5	0	0	30.40	63	62	58	64			5		-
			99.0		0	5	0	0	30.38	63	62	58	64			5		
		0	106.0		E.ast.	5	0	0	30.38	63	62	58	64			4		-
			13.8			6	0	0	30.38	63	62	58	64			6	n.	
			20,2			6	0	0	30.38	63	62	58	64			9		
		9		•	6. by N.	6	O	0	30.36	63	62	58	64			7		
			33.8	1	16. ly 6.	5	0	0	30.36	63	62	58	64	:		9	-	

, U. S. Navy, , 1894.

Herrell.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Moderate breeze from E. by Is and East. Fair, cort and pleasant.

Comorn set at 1.55. Emorth sea. The standard claw of manisaid at 3.20 at end of watch on consell by I under plain sail to expels except flying jit, watles claw of manisaid and aparker. appendice at the wheel.

From 4 to 8 a. On.

Show the Saw. Onodevate been from East. Under same soil as in prouding wetch, except sturboard clear of mamisail which was hauled up at 7.45. Lower 4. by I (pe) Fights two sails during the worth appointment at the whele

From 8 W.M. to Preside.

Fair. Mordenate breezes from E. by N. Pery moderate sea. Strady baroneter bours I by I.

Under same sail as preseding watch. At 9.30 must red at quarters. Beld Dinainal diell 1 period: 2 map period;
malurepete examanchip At 11.50 started to shift lower struisoil to perheiole and at 12.00 changed course to

94.1.4. Patent leg reading 52.7. One sail in sight broad off les quarter, ships head 94.1.24, standing along or
about same course I emperatuse of magazine 73-73-2 formed, 67-67-64. Supprenties at the wheel

Sected magazine flood cooks and found them in working order. George R. Evens.

Seas Oreid. to 4.8.9.

Partly cloudy and pleasant. Stiff breys from E. by N. to E. No. B. armette falling "Bad delle as follows. Own 1.15 to 2.15" port watch markinegals. From 2.30 to 3.16 all hands grunny From 3.30 to 4.00 all hands grunny From 3.30 to 4.00 all hands grunnestering and glob over mark hood. At 10 clock at main and miggin topmark etaspoile. At end of with under all agrain acid to expels, except water class of mainsail with jet and main and mugen topmark staypails and port lower studying sail, on course FW 12 W. Aggrentices at the wheel.

7. No Sol sman

Dean 4 to 8 P.M.

Dair and evol, with bright mornhight last how of watch. Itiff bury from 6.46 voluing to East.

Phip we have concer I A Lo & (pa) At 6.15 Look in fact lower studency part. At 6.45 church up toggallant haile and anyale tork emple need in topically for exarcise afour which closed on use and made each to royale again. At each tweeter all plain each to royale and main and migres topmast stageable, except flying jet and per bour of each tweeter all plain each 1,38 lipeutities at the wheel. A Brunan Bargou passed under our stem, standing to It and It a look to the whole of the world to the whole of the world to the whole of the world to the world the world to the world the world to the world to the world to the world to the world the world to the worl

From & P.M. to Mid.

Secult to stiff brigg from Each to N E. by E. Frair and pleasant Bright morelight Moderate craft from 60. This rolling deeply at internet Proximin roll to starboard 24°, to part 16°. There is main and suggent topmach stayable at 11.50. At end of wrately on conver IN 12 H, under plain sail to royale except flying jet and wrather clear of maineait appointain at the wheel

Examined and found to be correct.

J. B. Moillow, Suiteward & & M. Navigator.

Leutenant W. I.M.

ger Roeale

LOG of the UNITED STATES Phip Essex Third Rate, Making passage from Ponthampton England to Funchal Madeira.

			/	0 0	0				-	-	-						4
			Reading		WIND.				BAROME	ETER.	TEM			State of	Forms of	Clean 10ths.	he Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	81	2	// ^ ^	\$04.12.04.	16. hy 6.	5	20:25	0	30.34	62.	61	57	64	b.c	cum.	7	£.
	,		40.0	0 17.15	0.0.9	5	20.25	0	30.34						,	4	4
2	6	9	46.0	"												6	
3	6	4	53.3				20.25		30.34						"		"
4	6	2	59.5			5	20.20	0	30.34							6	
5	7	0	66.0			5	20.72	0	30.32	62				*		4	
6	7	2	72.5			6	25.30	0	30.30	62	61	58	64			2	
7	7	4	79.7			6	25.30	0	30.28	62	61	58	64			4	~
	1					6	25.35	0	30.27	63	62	59	64			4	
8	7	5	87.2				20:25		30.25			/				4	a
9	7	2	94.4		•												0
10	6	8	1.2			6	25.30		30.25					,		4	-
11	7	1	8.3			6	25.30	0	30.26	66	63	60	65	60	cum nimb	4	
Noon.	7	4	15.7			6	25.30	0	30.26	66	64	61	65			4	
									1								

64.5 Distance	run by Patiet Lig.		
Course and distance	re made good since preceding noon by observations, S. S. S. 34. 34. 34.		enths.
	Latitude by D. R.	44 ° 36 'A.	"
Position at Noon:		12 0 13 '04.	"
Position at Noon:	Longitude by D. R. Latitude by observations of Θ	44°31' Nr.	"
	Longitude by chronometer from Forenoon Observations of ②	12 0 22 '94.	"
n	(Latitude by D. R. from Nome	44° 55' N.	"
Position at 8 A. M.	Latitude by J. R. fine Som Longitude by observation o	12002194.	"
		43°45'N.	"
Position at 8 P. M.	Latitude by D. R. from Norm Longitude by Chronometer from afternoon observation o etime, q knots tenths por hour, setting to the FN by M	12 0 49 ' %.	"
Current during the	e time, q knots tenths per hour, setting to the FM. by A	4.	
	ompass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the C	Compass by Azimuth ⊙ observed at , "	0 ,	"
Water expended d	uring the preceding 24 hours,	400 gs	allons.
Water	during the preceding 24 hours,		"
Water remaining of	on hand fit for use at Noon,	1850	"
Coal consumed dur	ring the preceding 24 hours,	tons 720	lbs.
Coal remaining on	hand at Noon,	159 " 820	•

1								1											
	P. M.				coal day														
	1	3	9	19.6	991.1291. 991.149.	16.46.	6	33º30	0	30.27	66	64	61	65	b.c.	cir. cum.	4	L.	
				28.5						30.26						civ.	3		
				34.7						30.25						cir.aum			
				40.8				1		30.25						n	3		
				46.9						30.24							3		
										30.25							5		
				58.2		1.	5	25.30	0	30.26	65	63	60	65		cuw.	4		
				63.9		16.				30.27						,	6		
				69.5		4				30.25							6	-	
				75.0	*					30.26							6		
				80.3		NE. by N.				30.27						4	7		
				85.7						30.29							7		
										1									
	- COLUMN TO A STREET		7	-			-	-	-	-	or and distances		-	DANIEL S	-	1	anner o	-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Lleav. Fiff breen from N.E. by E. Conner II to II. (pc) Under same sail as in preceding watch. Fluip rolling with much all the watch appendices at the wheel.

If Lewtenant W. F. W.

Thom it to 8 a. M. Fresh breezes from NE by E. Barometer falling Long sea on post quarter This rolling deeply, maximin observed roll 35° to lesevard. Come of N. 12 W. ander all plain sail to royale except flying jit and wather clear of manual. One sail in eight directly acteur, standing on same conse. Apprentices at wheel.

Sings N. Levars,

Find & a. Pr. to Merid.

Sair; clardy at tensis Fresh buyer from N. 6. by 6. Basoneter about stoody Angle sea from Elyth

Phip colleing heavily Maximium obscurds all 35°) at 8.30 took in epanker at 8.45 hauled up mainsail and get

colleing tackles on lower yards. At 11.30 fulled reguler get attentible to tackles on team bounch and carling

launch at 11.50 furted manusail at 11.55 got up life lines in genguays. At end of watch under places

eail to topgallout sails eacest mausail and epanker on cours. It has appendiced at the wheel I surpresented

of magazines 42° 72°, formed, 67° 66° aft. Dulls was contiled as account of wather.

Fine Merid to it PN.

Servally cloudy and cool. Fresh breeze from N. 6 by 6. Borner 39.12. Go) until 12.35 when it was changed to 49.44. Go) This relling deeply and frequently to a long such from 6. N. 6. rationer will to stadoard 33 and to pot 32. Our earl in right active standing blood 44. A and of watch chip on her convex under pane earl as at end of generaling watch againstic at the what.

What I have the

From 4 to 8 P.M. Leutenant W. S. Dy E. and N. E. Parthy cludy and cool. This relining deeply to a lung curl from Nih and Eh. Educaged saluter at 500 with a Buticle backentine danding to The and Nik. We end of watch on come & W. H. and will as in prending watch appreciation at the while.

Sim 8 P. n. to Orid.

Sintewart No. In.

Chear Moderate to stiff buys from N. 6. by N. and N. 6. Long will from N. 6. This colling variety of intervals ON 11 P. n. est port clew of mainsail, with their addition under same sail as in preceding water. Comme & ON 14 P. (p.c.) appendixion at the wheel.

Examined and found to be correct.

J. B. Mo itten, Leuteward M. S.M. Navigator.

Lecitewant M. S.W.

Third Rate,

LOG of the UNITED STATES Phip Essex The Making passage from Southampton England to Funchal, Madeira.

		1	/	0 0			0											
			Reading		WIND.				BAROMETER.		TEMPERATURE.			State of	Forms of	Clear Oths.	he Sea.	
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se	
A. M.	70	76	91.1	9.04:14 9.	A 6. by A.	4-5	27.24	0	30.3/	65	63	61	66	b.c.w.	cum.	7	M	
2		6	96.5		1		27-24		30.32					,		7		
		5	,				27.24		30.31					4		3		
	5		7.1				27-24		30.30							3		
			,		N 6. ly 6.	1 1	20-25		30.32				1			2		
			15.6		, ,	1.	20-25		30.33					b.c.		4	-	
6			19.4				20-25		30.34							4	~	
7			1			3	15-20		30.35					-		4	-	1
8	3	6	23.0		1.80.1.	3	15.20		30.36				1			4	.,	
9		7	26.7	•	16. by N.	3			30.42	. "						6		
10	3	4	30.0		•		15.20									6		1
11	3	4	33.2		•				30.42								-	
Noon.	4	0	37.1		•	3.4	10-15	0	30.40	68	66	63	67			6	-	1
																		-

123.3 Listance name by Patick Sep.

Course and distance made good since preceding noon by observations, Sly 9.7/8 9. 127 knots.

	(Latitude by D. R.	42°44'"
	Longitude by D. R.	13 0 21 '94 "
Position at Noon:	Latitude by observations of ©	42 ° 37 ' N. "
	Longitude by chronometer from Forenoon Observations of ⊙	13 0 27 194 "

Position at 8 A.M. Latitude by D. R. from Norm Longitude by Observation 0 42 ° 51 ' N. " 13 020 '04. "

Position at & P. M. { Latitude by D. B. from Now | Longitude by Chronouter from afternow observation 0 42011 11." 13 0 36 . 94. "

Current during the time, g knots tenths per hour, setting to the \$.904.3/4 04. Deviation of the Compass by Azimuth ⊙ observed at , ship's head

Deviation of the Compass by Azimuth O observed at

Water expended during the preceding 24 hours, 350 gallons.

during the preceding 24 hours,

Water remaining on hand fit for use at Noon, 1500

Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 159 " 820 "

P. M.				991.169													
1	2	0	40.9	99.3/49.	N. by E.	4	20-15	0	30.40	68	67	64	67	b.o.	cum.	6	m.
	4				.0	1			30.40		1					6	
3	4	0	48.9			4	20-15	0	30.40	70	69	65	67			6	
4	3	1	52.0			3	20-15	0	30.40	70	72	67	67			6	
5	3	3	55.2			3	15.11	0	30.39	69	71	67	67		4	7	d.
6	3	5	58.4		J. 16.	3	15.11	0	30.39	68	70	66	67		14	8	"
7	3	1	61.5			2.3	15-11	0	30.40	68	68	65	67			7	
8	2	7	64.2			2.3	15-11	0	30.41	67	67	64	67	b.	une	10	
9	2	4	66.6			2.3		0	30.41	67	67	64	67			10	
10	1	6	67.8		16. by 1.	2		0	30.48	67	66	64	67	b.c.	cour.	9	
11	1	5	69.2			2		0	30.43	67	65	63	66			9	
Mid.	1	5	70.7			2		0	30.42	66	65	63	66			8	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Clear and bright starlight frist part, clouding up latter part. Barometer oscillating elightly. Products are Conse 3 b 1/4 9. Gender all plain sail to topgallant early except wrother clear of mamerical and spanker. apprentices at wheel Arthing in eight.

Stone & Conse.

Dean 4 to 8 a. M. Checky with about in eight sound longer. Gentle to moderate been from N. E. by E. Barometer viewig all 50 clock art royale. At end of watch under jit and all aquaw earl to world except starband elew of maniarl in course II. I appendices at whal Ing owil from N. E. decreasing Phip rolling considerably.

From 8 a. On to Onerid.

Chair and pleasant. Gentle to moderate breeze from N. 6. by N. Moderate acrel from ENG.

A q. 30 multiced at quarter: 1th period Forward Prodes Devices had sold at H. B. F. Gentle from ENG.

Director had instruction in magazin; 2th Director had pristole and after Prodes Director award exercise.

2th period: Onatal below had eightle (Negor bords and Leneal Tignals) This produce course & M. H. G. (pc) under same each as at end of presiding watch and in addition the student lower students acres at 8.45. Apprentices at the wheel. Deservature of magazine 72 72; forward, 67 66 aff.

From Meids to 4 P.M.

Moderate to quite been from I by 6. Fair and pleasant Moderate will from Nd. and Ed.

Wh 1.30 changed course, by order of Commanding Offician to I M 34 S. pair Franchaud Set the migrou topmast etapoals at 3.30 Exercised the stackward stated at eignals from 1.15 to 2.15 and the part winter at same dield from 2.30 to 3.30. At end of watch under stackward studeling each origin topmast stayonal and plane and to worder except flying jet, wrather clear of manusail and aparture. apprentices at the which

From 4 to 8 9.9%.

Stead to gentle brew from A. 46. and A by E. Course IN 4 9. (pc) At 6. 15 took in studding soil and at flying jet. At 6. 50 exercised engle neefing toposile and making soil again. At 7. 45 houled down migres toquach strugail and flying jet. At end of with under jet and all equal early except wather clear of manisail and migres toposile against toposile against the wheel.

From 8 P. M. to Orid.

Bright stackight and mornlight Sight herees from A. V. 6. to V. 6 by V. Barmeter about stacky. Come 90. 4. 9. Under same earl as at end of previous wrotels apprentices at while Northing in eight.

Froge REvans. & Ensign W. I. W.

Examined and found to be correct.

J. B. Moellon, Lentenant V. J. R. Navigator

LOG of the UNITED STATES Phip Essex Third Making passage from Porthampton England to Funchal, Madeira.

			10	0 0	U			-(/_									
			Reading		WIND.				BAROMI	ETER.	TEM			State of	Forms of	Clear Oths.	he Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	34	5	72.3	P. 2/4 P.	16. by 6.	2	15.11	0	30.42	66	65	63	66	b.c.	cum.	8	£.
2	3	1	75.1	"		2	15.11	0	30.42		65					7	
3	1		76.0	,		1	15.11	0	30.38	66	65	63	66		"	7	
4	1		76.9	,,		1	15-11	0	30.38	67	65	63	66	"	minh	5	
5	2		77.4			1	0	0	30.37	67	65	63	66	4	cum. nisil	3	
6	2	0	78.0			1-2	0	0	30.39	67	65	63	66		4	4	
7	2	6	80.3			2	0	0	30.39					"	-	4	,
8	2	7	83.0			2	0	0	30.38	. /				-		5	
9	2	3	85.1			2	0	0	30.40						cer. um	. 6	9.
10	1	0	85.8			1-2	0	0	30.41					2		6	
11	1	3	85.8			1-2	0	0	30.41	70	68	66	67	в.	none	10	
Noon.	1	4	85.9			1-2	0	0	30.41	70	68	66	67			10	
									1								

56. 6 Distance run by Fateut Log.

Course and distance made good since preceding noon by observations, 9. by 94.14 04.

(Latitude by D. R.

Longitude by D. R.

Position at Noon: Latitude by observations of O

Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. Latitude by D. R. from None

(Longitude by observation o

Position at S.P. M. Latitude by S.R. farm form

Longitude by Character from Officeror observation O

Current during the time, \$\frac{1}{2}\text{ knots}\text{ tenths per-hour, setting to the \$\frac{7}{2}\text{ cut for }\frac{1}{2}\text{ flowed on }\frac{1}{2}\text{ flowed observed at \$\frac{1}{2}\text{ flowed of }\frac{1}{2}\text{ flowed observed at \$\frac{1}{2}\text{ flowed observed at \$\frac{1}{2}\text{ flowed observed at \$\frac{1}{2}\text{ flowed observed at }\frac{1}{2}\text{ flowed observed at \$\frac{1}{2}\text{ flowed observed at }\frac{1}{2}\text{ flow

Deviation of the Compass by Azimuth @ observed at & Q. M. ,

Water expended during the preceding 24 hours,

during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

65 knots.

41 043 . Nr. "

13 049 194 " 41 035 . N. "

13 049 . 94. "

41 ° 41' N. "

13 0 47 'W."

41 022 ' W. "

13 055 104. "

18 054 94

. 0 19 ' 04. " Var. used 20' 00 H.

350 gallons.

1150

/ tons /0 0

158 " 720

P. M.																	
	,	7	86.6	9.01.3/49.	16. h 6.	2	0	0	30.41	69	69	67	67	be.	cure.	6	8
			Haushin		16. by 6.	2	0		30.40						"	6	1
						2	0	0	30.40	70	70	68	67			6	
					N6.	2	0	0	30.39	70	73	70	67		cir eum	. 6	
		5				2	0	0	30.38	70	73	71	67			3	
6	1	5				2	0	0	30.37	69	70	69	67			3	
7	1	7			N 6. by 6.	2	0	0	30.37	68	69	69	67			3	
8	1	8			. 0	1	0	0	30.37	68	69	68	67			3	-
9	2	0	86.6			1-2	0	0	30.36	68	68	67	67	b.c.m.		4	
10	3	0	87.7			2-3	0	٥	30.36	68	68	67	67		cum nimb	3	
11	2	1	89.8			3	0	0	30.36	67	67	66	67		•	1	-
Mid,	3	5	92.5			3	0	0	30.35	67	67	66	67	s.c.d.		0	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From H to 8 Q.M.

Sair and cleaning wrather. Sight airs and breyes from N. E. by E. Thip on course FN 44.

(pc) At 4.45 hauled up pool clear and at 6.00 at starbourd cless of manuach. At 5.45 at pool lower studding said. At 50° clerk akip under pool lower studding said and all plains said to regale, except flying fit, weather clew of manuach and appular. Appulace at the wheel.

From 8 a. m. to Merid

Light aire to light been from No. by E bloar and pleasant. Imvote sea. Muetered and respected ever at quarter at 930 and their earweise at teres Quarter . Division reported ready as follows: Governd Punder, Immite 40 accords; Navagative i minute 20 accords. 2 the Division 2 minutes or accords. After Owner, 3 minutes: 3 th Division, 3 minutes: 1 the 1 Division 3 minute. Commanding Officer inspected, division Exercising the dummy cartidages, the 1 Division. 1 port que fixed 11 shots in me minutes the 2 division 12 and the 3th 11. Ferred at 10.05. Instituted to Division of appreciatives at compass. A. The Daw Pea) reported the expiration of his term of exhibitions. I emperature of magazine forward 43°73°, aft, 67° 67°.

Quide earns sail as in preceding watch. Apparatices at the solute.

From Meid. to 4 P.M.

Sintenan V. F. M.

School Stage from N. E. by E. and N. E. Had bag inspection and made out
enall stor and clothing regulations. Tevral out claw bags and warmone. Ence I M. 4 F. (p.c.) Muder
came sail as in proceeding watch. Appenticis at the wheel. Hauled in patent bog at 1.15 registing 86 6
knote

Dem 8 P.M. to Mid.

Surger W. F.M.

Blady, hight movelight at times. Paining as little during last how of watch Light to good brew his by a Baroneted stady. At end of watch under jet and all equan sail to exactly wrather clear of manifact on concer & M. I. appendices at the wheel.

n. J. Coleman Ensign U. J. W.

Examined and found to be correct.

J. B. Me illow Lieutenrub W. D. W. Navigator

LOG of the UNITED STATES Ship Essex Third Rate, Making passage from Touthampton England, to Tunchal, Madeia. COURSES STEERED by Standard Compass. A. M. NG. by 6. 904. 3/4 9. 0 30.35 66 67 66 67 0 8 963 0 30.33 66 67 66 67 100.0 0 6. No. 3 0 0 30.3/66 66 65 67 3 0 0 30.3066 66 65 67 3 0 0 30.3066 66 65 67 3 0 0 30.3066 66 65 67 0 3.9 7.2 11.5 16.9 27.4 3 0 0 30.32 67 67 66 67 25.9 16.by 6. 3 0 0 30.34 69 65 65 67 30.0 0 30.36 69 66 66 67 34.4 3-4 0 0 30.36 70 66 66 67 11 0 0 30.35-69 67 66 67 42.7

75. 1 Distan	ce pun by Log.		
Course and distan	ce made good since preceding noon by observations, \$ ly 04. 5/8 04.	80 knots.	tenths.
	Latitude by D. R.	40 °23 'A.	"
	Longitude by D. R.	14 0 12 194.	II .
Position at Noon:	Latitude by observations of O .	40°20 1.	11
	Longitude by chronometer from Forenoon Observations of ②	14 021 194.	"
	(Latitude by D. R. from Jonn	40 °36 'N.	"
Position at 8 A. M.	Latitude by S. B. from Som	14 0 15 '94	"
	(Latitude by S. R. from Now	39 ° 53 ' N.	"
Position at 8 P. M.	Longitude by Cheron outer how alternoon observations	14 0 33 194.	"
Current during th	e time, 7 knots tenths per hour, setting to the SOLL O	1.3/4 94.	
Deviation of the	Latitude by S.R. from Now (Longitude by Chownells from Afternoon observation of etime, 7 knots tenths persons, setting to the FR l, 9 Compass by Azimuth © observed at 80, M, ship's head FR 144.	190 49 94.	
Deviation of the	Compass by Azimuth O observed at 80.9%. " 901.3/49.	1010104	"Var. used 20°00.94.
	during the preceding 24 hours,	500 g	
Water	during the preceding 24 hours,		u
Water remaining	on hand fit for use at Noon,	650	"
Coal consumed du	ring the preceding 24 hours,	tons	lbs.
Coal remaining on	hand at Noon,	158 " 720	

P. M.				May 2/ m													
1	1	7 8	44.4	₹91.3/4°9.	A6. by A.	4	0	0	30.34	67	66	65	67	b.c.	circum.	9	9
2			49.2			4	0	0	30.33							8	
3	3	3	51.4			4	0	0	30.3/	70	67	66	67			8	
4	3	5	55.9			4	0	0	30.30	70	68	67	67			7	
5	3	5	59.4			3-4	0	0	30.3/	69	69	68	67			7	
6	3	5	62.8			3-4	0	0	30.39	68	68	67	67			8	
7	3		66.2			3.4	0	0	30.40	68	67	66	67		cuw.	5	
8	4	0	70.2			4	0	0	30.42	67	66	66	67	-	"	8	
9	4	0	74.2			4	0	0	30.35	66	65	65	67			8	
10	4	0	78.2			4	0	0	30.35	67	65	65	67			8	
11	4	2	82.3			4	0	0	30.30							8	
Mid.	4	4.	86.7			4	0	0	30.29	67	65	65	67	•		7	
									1	'			'				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Cloudy and cool Gentle beens from N.E. by E. Barrometer falling alnoly This me conver I M. 1. G. D. Cool under all plains each to royals easept flying jit, wrather blur of manipoil and aparker apprehence at the wheel.

From 4 to 8 a.M. Sienthe breeze from E. N.E. Partly cludy and phasant. For oth sea at 4 30 at port studding earl and main and migror topment stayones Post water couldn't bago and warmouter at end of water water water water and flaim sail to water except flying jit, wrather clear of manurall and example. Appendice at the wheel.

From 8 a. On to Onerid.

Clear. Gentle to moderate brees from N. E. by E. to N. E. by N. Conser & O. H. H. Gipt.)

Clear Same sail as in preeding watch. Starboard watch scrubbed bags and hammocke appendic at the whel. By order of Commanding Office H. He whel. By order of Commanding Office H. He whele is a comparative of magazine 73° for solitary confinement on break and water for willful disolutioned of orders. Sempuative of magazine 73° for all for the formal of 7° 67° aff.

Dum Merid to 4 99. Diw wather Gentle to modulate beezes from N.E. by S. Bawella falling elooby Smooth sea. Changed conce at 12.30 to 98. by S. Patent Log reading 44.4. at 1.15 st migres topocal at 12.15 hauled drow main and emigres topocal at stayout and hauled up maintail Sevend in clothing and emall stone. appuntices at the what Paped up all bags.

George R. Eline,

From 4 to 8 P.M. Ensign U. S. M. Ensign U. S. M. Bacometry rising at 6.30 took in pool love studiding sail and called all hands aborten pail; fulled light sail and took amale reef in tograph them made sail to royale. The Quarterly Board of Tuerry conditioned the following: 2th caused marked 3.6. Eggett + 60, Eactastory, rispected of Board of Tuerry conditioned the following: 2th caused marked 3.6. Eggett + 60, Eactastory, rispected of Board of Toespecten Jan 1890. At each of watch under all egrows sail, except manufact, not jet m concer I II. by T. Appendices at the which.

Jum 8 99 to Mid.

Bleav cold and pleasant. Bright mornhight. Perduate beeger from NE. by S. Barmeter fulling. This on concer I & by I. (pc.) Ander same said as at end of spreading watch. Appendicula the wheel.

When Caperton

Examined and found to be correct.

J. B. Me illow, Suintenant M. J. M. Navigator.

N. V. Lool Eman

LOG of the UNITED STATES Phip Essex Third Rate, Making passage from Southampton, England to Funchal, Madeira.

			Reading		WIND.				BAROMI	ETER.	TEMI			State of	Forms of	Clear Oths.	he Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
. M.		5 5	91.2	99. ly 9.	A 6. by No.	4	0	0	30.28	66	65	64	67	be.	cir. cum.	4	8
2			95.6		. 1	4	0	0	30.28	66	65	64	67			5	
3	3		99.3	"		4	0	0	30.27	66	65	64	67			6	
4	4	0	3.2			4	0	0	30.27							7	
5	3	8	7.0		South	3	0	0	30.26	66	65	64	67			6	
	4	3	11.3		"	3	0	0	30.25	66	65	64	64		eum.	6	
6	4	0	15.3		"	3	0	0	30.25	-66	65	64	67			4	
7	4	0	19.3			3	0	0	30.25	66	65	64	67			6	1
8	4	5	23.5			3.4	0 .	0	30.25			66			cum mint	4	
9		1	27.6		1.16	3.4	0	0	30.25		65	66	67			4	1
10	4	3			-	3	0	0	30.26						cir. cum	7	
11 oon.	2	4	32.2			3	0	0	30.27	1	1					8	1.

90 .7 Distance rum by Patent Log.	
Course and distance made good since preceding noon by observations, \$ 44.4.4.	95-knots. tenths.
(Latitude by D. R.	38 ° 52 ' N. "
Longitude by D. R.	14 0 54 '94. "
Position at Noon: Latitude by observations of O	38 ° 50 'A. "
Longitude by chronometer from Forenoon Observations of ②	14 0 49 '91. "
(Latitude by D. R. hom Nom	39°03' N. "
Position at 8 A. M. Latitude by D. R. funn Norm.	14 ° 50 'OL. "
(Latitude by D. R. from Nom	38 ° 36 'A. "
Position at 8 P. M. {Latitude by D. lb. from Now Longitude by Chonemeter from Afternow Observation o Current during the time, 4 knots tenths parameter, setting to the S. St. fr. N. J.	15 °02 ' %."
Current during the time, 4 knots tenths per hour, setting to the 99 hour,	204.
Deviation of the Compass by Azimuth O observed at & Q.M., ship's head 9.89/29	19017 94
Deviation of the Compass by Azimuth O observed at TQ, M, "	° 51 ' 04. " Var. used 19° 35 %.
Water expended during the preceding 24 hours,	350 gallons
Water during the preceding 24 hours,	u .
Water remaining on hand fit for use at Noon,	300 "
Coal consumed during the preceding 24 hours,	tons /700 lbs.
Coal remaining on hand at Noon,	157 " 1790 "

D M				Ma. 1 -1		-											
P. M.	1	3	33.2	99. l. 9. 9. 991. 13/4 94.	4.16.	3	0	0	30.27	69	67	67	68	b.c.	cir.cum.	8	£.
2	2	1	36.6			3	٥		30.27							8	
3	2	0	38.0			3	0		30.28							8	
4	2	2	40.0			3	0		30.27	,	,					7	
5	2	0	41.5			2.3	0		30.25						wint		
6	1	8	42.7			2	0			- 1	1					4	
7	1	0	42.9		Q. A. 94.	1-2	0	0	30.26	67	67	63	69	b.c.d.	eur mint.	2	
			42.9		N &. by N.	1	0		30.26						mint.	0	
			42.9		. 0	1	0	0	30.26	67	65	63	67	4		0	9.
10	0	8	42.9			1	0		30.26							0	
				no steerageway	balm.	0	0		30.25							0	
Mid.	0	0		" 0	9.96.	0.1	0		30.25					0.		0	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Moderate breeze from N. E. by N. Fair and pleasant. Bright mornlight. Long will from N. E. On concer & N. by F., window plain variet to wyals except flying jet, markened and epacker. apprentises at the wheel.

From 4 to 8 a. M. Sentle been from North. Conner II by I (pc) Long could from NE. at 4 30 est atudding sail, flying jil main and mugen topment staysails and epanter at end of watch under all sail except for topment staysails and epanter at topsel appoint in a the while

Earn & a. On to Merid.

Dair. Sentle breeze from North to N. N. E. Reing baroneter. Morderate long earle, at 9.30 held Dinermal ineparter immediately after anuded to quarter. The Captain ineparted the chip and crew at appointer By order of the Captain obcided I. O. Daiby, F. E. 4 c. to Ide. It frely B. N. 2.0. reported the expention of his term of enlictment. Concer & N. by S. Widow came each as preceding watch except at about 10.30 hoursed down man topmast stanual and took in apparent and island, Northing in eight. I started fire under briter A., for purpose of distilling Demograture of magazine 73.70°, forward, 67.º 67°, aft.

Senge T. Corner.

Fine Mains to 4 9 M.

Carty closely: pleasant Gently been from A. 4 E. Barmeter rising Long and from A. 16 E.

Ot 12.30 changed court to 9. 98 4/2 is potent log reading 33.2 W 1.10 allowed boys to get up their bage At

3.35 commenced destilling with backet free winds within A bend of watch under aquew sail to royale except

standard clove of manufaction to the temperate atayonil, jit, from jit, standard low studding sail on convert

1. 99: 48 64. Cuppenties at the while will hallow Julyan Bild sch. was their day humally developed from the ward

Benow by manus of Expunties of his term of substimus.

Grow 4 to 8 9. M.

Energy Cl. 3. M.

From A. NE., shifting to Q. W. S. abut 6.15 in a light drugging rain and mist last two home. Light to gentle breeze from A. NE., shifting to Q. W. B. abut 6.15 in a light drugging rain, verying last home back to NE. by et. at 6.15 took in stalloand lower studding east myrew top mast staypail, and myzew topsail. More round at y 0 clocks. At each of watch align course I. PC 4.4 & Cyc.) under all plain asit to regale except stalloand elsew of manical raid spanker. Distilling with fire banker free under boiler A. appendices of the white

Frank & P.M. to Orio ... Light air from A. E. Ly. N. first half, falling to calm and coming out from I. I E near end of watch. In will see the ruy light diggling nain during greater part of watch. In will see the allow up lie clew of manical at 11.50. At end of watch index plain ealt to rayale rarely manical and spacker. Hauled in patent log at 10.00 reading 42.9. No steerageway last two hours. Distilling with free banked under briles A Cappentice at the wheel.

Genterant Ol & A.

Examined and found to be correct.

J. B. Moilton Deutenant W. S.N. Navigator.

LOG of the UNITED STATES Ship Essex Third Rate, Making passage from Touthampton England to Funchal, Madeina

			Reading		WIND.				BAROME				TURE.	State of	Forms of	Clear 10ths.	ne Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of the Sea
A. M.	16	3	Houleding	904.1/204.	FE. 4. 9.	,	0	0	30.24	66	65	63	67	0.c.m.	mint.	0	9
2		0	Douate 25	901. ly 8.	96	1-2	0		30.20					0.c.d.m		0	
3	,	0		1		1-2	0		30.16							0	
4	,	5				2	0		30.16					0.c.m.		0	
5	2	0				2	0	3/4	30.17	65	65	63	67			0	
6	2	0		9.901.3/4 04.	,,	2	0	1/2	30.18	65	65	63	67			0	
7	3	0	43.0			2.3	0	1/2	30.18	65	65	63	67			0	
8	3	1	46.1	9.901.1204.		2.3	3	1/4	30.18	65	65	63	67			0	
9	j	5	49.6	.991./29.	96. by 6.	3	2	1/2	30.20	67	67	65	69			0	
10	3	7	53.3	9 91. 3/4 91.	9.96.	3	2	1/2	30.21	68	68	66	70			0	
11	3	8	57.1	901. ly 01.		3	4	1/2	30.2/	70	69	66	70	b.c.	cir um	. 6	-
Noon.	3	1	60.2	91.9 94.	9. ly 6.	3	4	,	30.20		1.		1	0.m.d.	ninet	0	

44. 8 Dietauce run by Ly	
Course and distance made good since preceding noon by observations, J. Ly W. 1/8 W.	48 knots tenths.
(Latitude by D. R.	38 ° 10 'A. "
Longitude by D. R.	15 15 194. "
Position at Noon: Latitude by observations of ⊙	38°05'N."
Longitude by chronometer from Forenoon Observations of ③	15 ° 13 '94. "
Position at 8 A.M. Latitude by D.R. from Nrm/ Longitude by observation O	38 ° 15 ' N. "
Position at 8 A. M. (Longitude by observation o	15 ° 02 '94, "
Position at 8 P. M. { Latitude by S. B. from None (Longitude by Cherry note from afternoon observation of	37 °53 'A. "
Position at 8 P. M. (Longitude by Chronsmeter from afternoon observation o	37 °53 'A. "
Current during the time, 5 knots tenths per hour, setting to the \$1/4	6.
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 1 !
Deviation of the Compass by Azimuth ⊙ observed at , "	0 / "
Water expended during the preceding 24 hours,	350 gallons.
Water distilled during the preceding 24 hours,	8/0 "
Water remaining on hand fit for use at Noon,	760 "
Coal consumed during the preceding 24 hours,	tons 2/60 lbs.
Coal remaining on hand at Noon,	156 " 1870 "

P. M.																	
1	3	0	63.1	04.99. 1/2 94.	9. by 6.	2	4	1/2	30.15	69	69	67	70	b.c.	unit.	,	9
2	2	2	65.3	9. ly 9.	Frith	2.3	3	1 1						0.c.d.			
3	2	8	68.0	91.129.		3	2								cum mint		
4	2	0	69.3	04. ly 9.		2-3	2		30.15						"		
5	0	7	70.4	9. by 21. 1/2 24.	9. by A.	2	1		30.15							2	
			72.0	9.99.1491.		3	2		30.15-							3	
7	2	0	73.9	9.9.9.3/494.	94.104.	2	1		30.14	,	,				cum.	4	
8	2	0	74.9	"		2	1		30.12							6	
9	2	2	76.3			2.3	0	1/2	30.14	71	69	67	71		cir. cum.	6	-
10	2	1	77.5			2-3	0	1/2	30.15	71	69	67	71	b.o.w.		7	
11	2	0	77.8	9.9.91.14 94.	9. by N.	2-3	0		30.15							8	-
			78.0	93/494.	Ot est.	2-3	0		30.14							9	
Dira.										,,	,	1					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M.

Overcast and cloudy. Misty. Light dryzbuig ram spart of seemd home.

Light air and breves from 45. by 9. and 45. at 12.00 ast all stayouts manisal and sparker. Lonce 9.44.460. (pc) Under all each except geff and myzer toposits. Distilling. apprentices at the wheel.

From 4 to 8 a. M.

Doucast cloudy and damp. Light to gentle been from the 96. I teady baronete. Involves as bound of 90. What 700 when clanged to 9. 90 10 W. Patruk bog reading 43. I. Port tack under same earls as preeding watch. Distilling appendixes at which Orthung in eight

Longe & Columnia.

Dion 8 a. m. to Merid.

Cherry W. T. Warden & Cherry W. T. W. Sand Marker of the S. S. S. S. Barometer variable Algo clock released B. Briek app. 3.0. from confinement and restreet him to duty by order of Commanding Officer his term of confinement having sapered Iberdientely Board of Turny condensed, and threw ornbroad both the barm murical Sharp and Person buttactory, suspected Jan. 1892. At 9.30 mustered and inspected view at quarter and had following sulls: Firm 9.35 to 10.30, instruction in sammership in parts of the alighy duramonal Officers; From 18.55 to 11.30, exercised starboard watch resping manuscial At 8.30 as gaff topical At 110 clock respid manuscial At 11.55 as many trypail. At end of worth rudes all sail (except engle and in manuscial and muyen topical Class hauled on yer tack, heading & Fol. 124. Comme & Fol. 14 & Reportation at the world. Distilling with free backed under both of the date.

From Meids to 4 P.M. Energy With my light drighing raw. Light to gentle breeze from I by 6, viring to South. Come I. I W. Jo D. Jo 3th print, the apparatises of watch on deep win instructed in the lead of the running grav; 4th period but starbanks watch had gunnery and the 5th period both watcher-had gominative At 3.45 took in main topails. At 130 a Spanish Bernaphordite Buy passed action of us trading to the while and 5th and 5th. At each with a big by the winds on part tack under all plain sail to wayshe except single wife in mainial. I istilling with five banker under Inter of appointing at the while

From 4 to 8 P. M. Sentle to light bring viring anddenly along 4-30 from Inth to 9h by N. and N. N. V. taking the walls aback. Fair and pleasant. I morth sea Row was at 7.50. This by the wind on starband tack. It will of writch on cons. F. P. N. N. N. under all stangable mayon gaff topsails and plain sail to water largest a single verfice with manisal at 6. 10 called all hands, and varieties at suffing topsails. I will a single exist with the made sail to wage Sixthing with fire backet when halve it appendices at the what.

Erm 8 P.M. to Mid.

Steintenant M. I. M. S. West. By the wind last part bourse of M. M. M. to Mest. By the wind last part bourse of M. M. M. M. M. M. Siellling. Bright mornlight.

J. J. M. M. Mindow same wall do in preciding watch. Apprintices at the while Distilling. Bright mornlight.

J. Livilling & M. S. M. S. M. Siellling. Bright mornlight.

Examined and found to be correct.

B. Moilton, Lieutement M. Ja. Navigator.

LOG of the UNITED STATES Phip Essex Third Rate, Making passage from Grahampton England to Funchal, Madeira.

			1	0 0	U			0									-
			Reading		WIND.				BAROME	TER.	TEMI			State of	Forms of	Clear loths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	· Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	,,-	8															
1		0	79.0	Suth	W. 9W.	1-2	0	3/4	30.12	71	70	68	71	b.c.	cir.oum.	3	8
2			79.1	9./4 6.		1	0		30./0						-	5	
3	1		79.3	9 1/2 6.	n	1	0	3/4	30.07	71	69	68	20	b.c.d.	cum simb	2	.,
4	1		80.0	9 /2 24.	Chest	1	0	3/4	30.07	71	69	68	70	b.c.	cir .cum.	6	
5	1	0	80.7	9.14 04.		1	0	1	30.06	71	69	68	70		mint.	5	-
6	0	5	80.9	9.98/26.	901. ly 01.	1	0	1.	30.07	71	69	68	70	"	"	5	
7	1	0	81.5	96. by 9.	. 0	1-	0	1	30.08	72	70	69	70		".	5	
8	1	0	82.3	96.	994.	1	0	1	30.08	72	70	69	70		cum.	5	
9	2	2	83.9	98.14 9.	fully f.	2	1	3/4	30.10	72	70	68	70			5	
10	2	2	86.1	96/29.	0	2	1	1/2	30.12	72	71	69	70			5	
11	1	0	86.3	96. by 9.	S W.	2.3	1	4	30.12	73	71	69	70	"		5	
Noon.	3	4	89.3	9 81.149.		3-4	2	3/4	30.12	74	74	71	71	,,		5	1.
1,0011.		1	1								1						

43. 1 Distance run by boy.	
Course and distance made good since preceding noon by observations, 9 5/8 6.	33 knots. tenths.
(Latitude by D. R.	37 ° 36 ' & " 15 ° 04 ' Ph. "
Longitude by D. R.	15 °04 ' 94."
Position at Noon: Latitude by observations of ②	37 035 1 1 "
Longitude by chronometer from Forenoon Observations of ②	37 °35' N"
(Latitude by DR. from Norm	37 °38 ' N "
Position at 8 A.M. Latitude by D. R. from Norw Longitude by Observation O	
Position at 8 P. M. { Latitude by D. M. Jum Noon Longitude by Chronometer from afternoon observation o	37 · 30 ' N "
Position at 8 P. M. (Longitude by Chronometer from afternoon observation o	14 021 04."
Current during the time, knots tenths per hour, setting to the	
Deviation of the Compass by Azimuth O observed at 40 9/2, , ship's head \$6. 46/26	180 53' %.
Deviation of the Compass by Azimuth O observed at 4 9.9%, "	2042' 6 "Var. used 19°00 %.
Water expended during the preceding 24 hours,	350 gallons.
Water distilled during the preceding 24 hours,	912 "
Water remaining on hand fit for use at Noon,	1322 "
Coal consumed during the preceding 24 hours,	/ tons / 0 0 0 1bs.
Coal remaining on hand at Noon,	153 " 870 "

P. M.																	
		6	92.9	98/49.	901 by 9.	3.4	3	1	30.11	74	74	69	71	b.c.	cir.cum.	6	9
	3	8	96.0	98/29.	. 1	3-4	3		30.10							6	
3	4	0	100.5	98.146.		4	3		30.08							5	"
4	4	2	4.7	96. by 6.	P. P. W.	4	3	1	30.07	72	71	68	71			4	
5	4	5	9.2	0		4	3		30.07						,	3	
	4		13.8			4	3		30.07							5	
7	2	4	15.9	96.		4	2	3	30.10	71	70	68	70		cum.	6	,.
8	2	2	17.2			+	2	3	30.11	71	70	68	70	*		8	
9	1	2	18.2		901. ly 9.	4	2	2	30.11	71	70	68	70		4	7	
10	1	6	19.3		0	4	2	2	30.10	71	70	69	70	b.c. l.		6	
11	1	8	- 20.4	96/26.		4	2	2	30.10	72	70	69	70			5	
Mid.	24	0	22.3			4	2	2	30.10	72	70	69	70	be.		4	

n. J. Holsman

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Sleav and hight mornlight first part, clowding up partially latter part.

Bracometer falling . Smooth sea. Light airs from 94. 99. until last liber when from 94 set. Conce 9. 99. 44 b. By the word on the starband tack under all said except major topsail and main trysail.

Appendices at the whel. Sixtilling . Nothing in sight.

Storge R. Ecana.

From 4 to 8 a.m. Cloudy and threatoning at first with falling barometer. Cleaning during last two hours of watch, with sixing barometer Light aim from these to 92! At 4.45 took in whate, main and mygin topmark stayeastle and flying jet. At end of watch under plain each to topgallant earle, heading 4.6. Ennee 9.994. A. appendix is wheel Distilling with banked fire under brief to Sighted a square negget meet on port brain heading Forth.

Gusign W. S.M. From 8 a M. to Mend

Maperlow. Lieutenant Q. F. M. Own Merid. to A G.M.

Swith to mederate hery from FM by F. harling to FF be last how Fair and pleasant. I morth era black harled on etalbraid tack under four to topical stational and plain sails to topicallant sails exceept a enight set in the mainsail Juning 3th period, 115 to 215 instructed all apprentices in each eparament company, 4th period 2.30 to 3.15 general; 5th period, 3.30 to 4.00, perh watch in gymnastice and hearing the log Distilling with free banked under this A. apprentice at the wheel.

From 4 to 8 9.9m.

Chear. Moderate breeze from F. Feb. Comer FO. 74 F. at 60 clock fulled topig allant eails and took two reefs in topsails. Distilling apprentices at the wheel at end of water by the wind under jit, for topmast staysail, double reefect topsaile, connect with suight reef in mainsail, main trysail and spouler.

Herall. Lieutenant U. S. W. From 8 P.M. to Orid Furth esa Heray deur 16 pat clody latter part Moderate brezze from FO by I. Bacomite about steady. I morth esa Heray deur 16 min FO 14 F. under came sail as preceding watch, except at 900 took in main trypais, on stadrad tack making about F6 12 E. apprentices at the wheel Grothing in eight. Detilling Lightnung to AV lotwer 10.00 and 1100.

Gronge R. Eraus. Ensigned & M.

J. B. Me ilter, Divitement Q & M Navigator.

Examined and found to be correct.

LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Touthampton, England to Funchal Madeira

	_		0 0	0.0	0		-		1			-	-			4,	ġ
			Reading	COURSES STEERED	WIND.				BAROME					State of	Forms of	C Cles	the S.
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	36	0		96/26.	991. hy 9.	5	4	,	30 10	71	69	68	70	b.c.w.g.	civ.cum	4	A
2	2	5	23.3	0 6 12 6.	7.09	5	3	1	30.16				70			5	
3	2	5	26.1	5		5	3	,	30.09	'	,		1	b.c. 9. w.l.	cum.	1	
4	2	0	27.8			5	3	. 1	30.07	71			70		cir. cum	8	-
5	2	6	30.4	96. ly 6.	J. 901.	5	3	3	30.06	71	69	68	70	b.c.	cum wind	+ 7	M.
6	2	2	32.6	96 1/2 8.	"	5	3	3	30.05	71	69	68	70			6	,
7	1	8	34.2	96 3/4 6.	"	5	3		30.05	1	1	69				5	
8	2	2	35.5			5	3		30.08	/	1			-		5	0
9	2,	0	37.2	96/26.		#	3	3	30.09	72	70	69	70			3	6.
10	2	0	38.8	96. ly 6.	9. by 94.	5	3		30.10		1	69	70		cum. nim	6.2	-
11	1	0	39.2	. 4		5	3		30.11			1	70			5	
Noon.	2	8	41.8			5-6	4	3	30.11	72	70	69	70			2	
															-	-	-

60. 6 Distan	ee new by Log.	
Course and distant	the made good since preceding noon by observations, 6 3/4 M.	77 knots. tenths.
	Latitude by D. R.	37 032 11. "
	Longitude by D. R.	13 051 ' %. "
Position at Noon:	Latitude by observations of ②	37 0 44 ' N. "
	Longitude by chronometer from Forenoon Observations of ②	13 0 29 '01."
	(Latitude by D. R. furm Now	37 °42 'N. "
Position at 8 A. M.	Latitude by D. R. furm Nome Longitude by observation o	13 038 '04. "
	(Latitude by D. R. from None	37 ° 54 ' V. "
Position at 8 P. M.	(Latitude by D. R. from Now Longitude by Chrosconeter from afternow observations	13 0 24 04."
Current during the	e time, 21 knots tenths per hour, setting to the N.S. by &	
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	. 0 /
Deviation of the C	Compass by Azimuth O observed at , "	0 / "
Water expended d	uring the preceding 24 hours,	387 gallons.
Water distin		900 "
Water remaining of	on hand fit for use at Noon,	1835 "
Coal consumed du	ring the preceding 24 hours,	1 tons 6 40 lbs.
Coal remaining on	hand at Noon,	152 230 '

P. M.																	
		5	45.9	9 E. ly E.	f. 90v.	5.6	4	2	30.	11 72	70	69	70	b.c.	cumunil	2	6
2	2	5	45.9 Bouled in			5.6								в.о.р.			
				96/26.		5.7	3							b.o.g.1.			
		2		u		4-6	3	8	30.0	7 71	69	68	69			2	
5	0	8				3-5	3										
6	0	8		96.	-	3-5	3	9	30.0	9 69	67	66	69		Cum risul	1	
7	0	8		96 ly 9.	*	3-5		8	30.1	0 68	67	65	69	b.c. 9. N.	-	2	
8	0	8		9 ly 6.	04.901.	1-6								b.c.q.w.			
9	1	5		Thy 01:12.04.	Ot by N.	5								B.c. N.g.			
10	1	5		Fly E.	Q1. 801.	4								begu.			
11	1	5		0		4								be			
Mid.	1	5		\$1/2 6.		4	3	5	30.1	0 69	72	71	69		Cum steat.	8	.,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Dem 4 to 8 a. Co. Sair and damp. Stiff been from \$ 906. Sends precing one rapidly from 80. Court 96449.
Overdevite will from 90. at end of watch, whip by the wind on starbald tack under same each as in preciding watch. Distilling with free banked under bales A. appendix at wheel.

From 8 a. M. to Merid:

The f to free breeze from FFM. and I by M. Cloudy Choppy irregular sea Restreet

crew at quarter at 9.30. Exercised at shifting main topsail and jit. At end of watch in starboard

tack under jit, for topman stayard, foreall, eviglo reflect maximal spanker and doubt reflect topsails.

Dittilling with frice banded under Inter A. apprentices at the wheel Semperature of magazine forward,

7270: aft 67° 67°.

Deni Pheriod. to 4 PM.

Scintenant Ph. S. M.

Schooly Passing showers. Equally Phoderate to stiff brey from F. F. V. blowing fresh and very fresh in squally Phoderate said. I want fresh with 130 PM. when called shorter said. I will place to the work in and futed all square sails, shouled down jet and for topmast stayoril and herited for storm stayoril. Lay to "under for storm stayoril main trysail and sparker. At 2.45 hauled down for storm stayoril. It I PM. but storments. Even changed to Fr. 129 D. Dittling. Agreement at the whal Shoppy are unreasing to moderate sea by sud of watch The produce easy.

From 4 to 8 G.M.

Derical cloudy, rainy and equally with last lower when communed to clear structs to stiff beezes in occasional egially accompanied by heavy rain from F. F.D. with about 6.00 when after a feel rain equally wind shifted gradually to 4.79 A 7.00 est foreail and jet; otherwise under a same sail as preseding watch Saying to, coming up and falling off themen F.E. by E. and Fath. Products long with from the N. B. by W. apprentices at the wheel Detilling Nothing in eight Foods.

Brows & P. M. to Ohid.

Overcast, equally, with rain first two hours. Cleaning during latter parts with bright mornlight. Overduate to stiff been from Oh. by A. to Oh. Baroneter steady. This willing considerably to moderate awall from Oh. I A. A. dud of watch render its forest main topsall and aparker. Tiping to, me starbard tack, heading I to Everce F. A. A. A. Apprentice at wheel. Distilling with banker free weder brites it.

7. I Consugn W. S. W.

Examined and found to be correct.

LOG of the UNITED STATES Phip Essex Phird Rate, Making passage from Routhampton, England to Funchal, Madeira.

				11 4	U			_			_		-					-
				Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Clear loths.	he Sea
Hour.		Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. :	M.	71	6.	Hauled w	9. hy 6.	FOI. Ly 01.	4	3	5	30.11	69	68	66	69	b.c.	cum.	8	m.
	2	1	2		9.12 6.	9 . Flow.	4	3		30.11							7	-
1	3	0	8		Tu .		3-4	0		30.11							5	-
4		1	0				3-4	0		30.12	1				"		3	
	5	1	0		9./46.		3-4	0		30.13	1.				,,	cir. eum	+	1.
	6	1	0		P		3	0		30.13	,			, "		eum strat	4	
-	7	1	0		9./2 6.		3	0		30.15	1			69			4	
8	3	1	0		8. ly 6.	9 W. by W.	3	0	5	30.15	1	1 /		- 1			4	
1	9	1	50		0	0	4-6	0	5	30.17	70	68	67	69	b.o.g.p.	cir. um	4	-
10	0	1	0	45.9	96. by 9.	FW.	4	0	./2	30.18	69	66	65	70	b.c.	cir cum	6	
1		3.	8	48.9	9.98/26.	901. ly 01.	4	2	1/2	30.21	70	68	66	70		strah	7	
No		4	0	52.3	96 1/2 9.	fa!	4	2	1/2	30.20	71	69	67	70	-		7	
											-							

37. 1 Distance	v run by org.	
Course and distance	e made good since preceding noon by observations, \$6. by 6/26	39 knots. tenths.
	(Latitude by D. R.	37 ° 46' N. "
	Longitude by D. R.	12:050 194."
Position at Noon:	Latitude by observations of ⊙	37 ° 25 ' N. "
	Longitude by chronometer from Forenoon Observations of ②	37°25' N."
	Latitude by D. R. from None	37 ° 30 ' N. "
Position at 8 A. M.	Latitude by D. B. from None Longitude by Observation O	13001 '84."
D -1-1 0 D M	Latitude by D. R. from Norw Longitude by Clemenater from Afternorn Observation 0 time, 2, / knots tenths per-hour, setting to the Food	37 ° 13 'N. "
Position at 8 P. M.	Longitude by Chronometer from afternom Observation O	37° 13'N." 12° 19' W."
Current during the	time, 2 / knots tenths per hour, setting to the South	/
	ompass by Azimuth @ observed at , ship's head	0 /
Deviation of the C	ompass by Azimuth O observed at , "	0 1 11
Water expended du	ring the preceding 24 hours,	370 gallons.
Water distill	during the preceding 24 hours,	954 "
Water remaining o	n hand fit for use at Noon,	954 " 2419 "
Coal consumed dur	ing the preceding 24 hours,	1 tons 4 60 lbs.
Coal remaining on	hand at Noon,	150 " 2010 '

-	-											-	100000	1	1	T.	-	
P. M.																		
1	4	2	56.5	98.	\$91. by 9	4	2	3/4	30.18	71	71	68	70	b.e.	cir.cum	6.	M	
2			61.2	96. by 9.	gov.	4	2							b.c.d	cum mil			
			63.5	98 1/2 9.		4	2									3		
			64.8.	96149		4	2		30.14									
			72.8	PE /2 9		4	2		30.18						cir. strat.	8		
			78.0	96. by 9.		4	2	1	30.19	71	69	67	70			8		
7	4	3	82.2	. 0		4	2	1	30.21	71	69	68	70		-	8		
8	3	1	85.3	N 94.		4	2	1	30.23	70	69	68	70			7		
9	4	0	89.1	J. Ot. 14 Ot.		4	4	1	30.25	70	69	68	70		cum strak.	6		
10	4	4	93.5	194.3/4 94.		4	6		30.25							7		
11	3	4	96.9	104. by 94:1284.	304. by 9.	4	6	1	30.25	70	69	6.8	70		cir.cum.	6	٠.	
			100.0	0		4	5	1	30.25	70	69	68	70	b.c.w.		7		

Midnight to 4 a ON. Clear frist part cloudy latter part of water Gentle to moderate breeze from 9 Or by & and Or 9 or Morolight. This parting oco assessmally to moderate awel from 9 or as end of water lying to, no starband tacks under jet fiscail, main trysail and sparker. Distilling wat frie backed under bales 4. Course 99, 129, apprentice at the willel.

Onne 4 to 8 a. m

Moderate to gertle been from O. III and I by W. Partly Indy and pleasant Moderate ownll from I'd and Old Under same sail as in preseding watch Tratiling little free banked under boiles A. apprentices at the wheel.

From 8 a. M. to Merid. blear. Moderate begy from Fox. and FOx by M. Fresh rain equall first how. at 9:30 omistered at quarters and immediately afterwards called all hands make sail. Made sail to royals

at end of water under all said schept starpails and single neef in mainsail. Exercised and instructed appendice; 2th period as follows: 1st and 3th Diviews, small arms 2th and Inview Tinsens, equals. Distilling appendices at the wheel bourse I th 1/2 Il. One said in eight during water. Impresting of magazine 73° 73° forward, 70° 70° aft.

Oran (Merid to + 9.9% Partially cloudy with aqually appearance to Chestward all through watch Moderate sea. Product beezes from 99 by \$ 1 99 Stady baronetty. Comes after 12.30 90 by 9 Checker plan soil to expely by the wind on starband tack, making about \$6 Outral atrue staysails and sent them blow. Instructed appendices of watch 3rd period, in Figures 6 Superiod Company dull Company Distilling.
Appendices at the while One said in eight about a points about watcher bram, hull down.

Ensign U.S.W. Dum 4 to 8 9.90. Clear and pleasant. Oroterate breeze from AN. Barometer resing at 6.45 called all hands tack ship the ship failed to go about, um lhip and came by the word on pot tack at 7.10, putlet by reading 82.2. Handed down main tupoid and gaff topical at 6.45. At 4.30 knowled for topical stayears of under of watch under plain said to rayale, in got tack, heading AN. Conver Fix by N. Opposition at

From 8 P.M. to Mid Ousign U. J. W. Severally clear and pleasant. Producte been from II and II by I bruse II by Wepc). This fitching to moderate surel from IN. Not. Prove rose of F.F. Dog 30 took in and fulled soyels, handed draw and stands flying jit. It end of watch chip by the wind on poor tack under for topward etayeard and all plain call to topgallant isable except enight net in manusal. I ctilling with fire banked under both of the whole.

WIS aperton.

Examined and found to be correct.

the wheel. Distilling.

J. B. Millon, Lieutenaut U. S. W. Navigutor.

Leutenant (U. S.W.

Third Rate,

LOG of the UNITED STATES Thip Essex. There Making passage from Touthampton, England, to Funchal, Madeira.

		- 4														-	-
		V	Reading		· WIND.				BAROMET	ER.	TEME			State of	Forms of	Clear Oths.	be Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	*8	4															
1	3	0	2.8	1 Q1. 1/2 A.	01.901.	4	5	1	30.25	71	69	68	70	b.c.	cir.cum	7	M
2	4	0	6.8			4	5	1	30.23	70	69	68	69			6	
3	4	2	11.0		-	4	5	1	30.23	70	69	68	69	"	cum.	6	
4	4	1	15.1			4	5	1	30.23	70	69	68	69	,,	cum stral	3	
5	4	0	19.1	A Ot by A.		4	3	1	30.20	70	69	68	69		turn sumb	2	-
6	3	2	22.3	A. A. OL. 34 OH.		3-4	3	1	30.20	70	69	68	69	"	,	4	
7	2	8	24.7		•	3-4	3	1	30.22 ;	71	70	69	69			5	
8	1	3	26.4	A by Ol. 1/2 01.	Ot. by 9.	3	3	1	30.22	71	70	69	69			6	-
9	1	6	27.8	903/4 94.	Chest	3	3	1	30.28	72	69	67	69		-	y	,
10	1	4	29.2	9 /4 %.	M. by 9.	3	3	1/2	30:28	72	69	67	69			7	
11	2	5	31.4	9 hy & 1/2 6.	OH . 90 OH .	3	3	1	30.28	72	70	68	69		cum.	y	
Noon.	3	2	34.3	\$ 3/4 6.	91. by F.	3	3	1	30.28	73	71	69	69		- "	7	-
					0								1				

83 5 Dietour nu by Patent log.	
Course and distance made good since preceding noon by observations, O. A. W. /2 W.	12 knots. tenths.
Latitude by D. R.	37 034 · N. "
Longitude by D. R.	12 0 53 104. "
Position at Noon: Latitude by observations of O Longitude by chronometer from Forenoon Observations of O	37 ° 30 'A. "
Longitude by chronometer from Forenoon Observations of ②	12 0 59 '94. "
Position at 8 A. M. { Latitude by D. R. from Now Longitude by Obstantian O	37 ° 37 'W. "
Longitude by Observation O	13 °05 'QL."
Latitude by D. R. from Nom	37 °39 'W. "
Longitude by Chronouster from afternoon Observation O	37 °39 'N. "
Position at 8 P. M. {Latitude by D. M. from Norm/ Longitude by Chenometer from Afternoon Observation O Current during the time, 6 knots tenths per hour, setting to the FO/1/9.	, , , , , , , , , , , , , , , , , , , ,
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth O observed at , "	0 / //
Water expended during the preceding 24 hours,	350 gallons.
Water distilled during the preceding 24 hours,	58/ "
Water remaining on hand fit for use at Noon,	2650 "
Coal consumed during the preceding 24 hours,	tons 2070 lbs.
Coal remaining on hand at Noon,	149 "2180 "

1	Р. М.				-0 /	0.00								1			-		-
	1	20	0	35.8	9 /2 6. 1 01.14 11.	I say of	3	3	0	30.29	73	72	69	70	b.c.	civ.cum.	4	9h	ı
							3												-
				41.3			3	3		30.29						numb.			1
	4	2	0	42.8	Joh.	-	3	3	1	30.28	72	72	70	70			4		
	5	1	5	44.3	N/26.	Q1. A 94.	2	3	1	30.25	71	70	67	70	b.c.p.g.		6		
	6	1	6	45.9	Is by Ot.	Oh. by N.	2	3	1	30.23	71	70	68	69	b.c.w.	cir. strat			-
	7	1	0	46.5			1-2	3	1	30.24	70	70	68	69			8		
	8	1	5	47.8	1.12 04.		2	3		30.26							8		
	9	1	6	48.5	A orth		2	3		30.27							8		
	10	1	6	48.6	A by 04:12 04.	Ch. by &	2	3		30.27							9		
1	11	1	6	48.8	A. A. 24.	(U. ly 4.	2			30.26							9		
	Mid.	1	5	49.6			2	3		30.25							8		
				1								'							

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. m. Moderate breen from N. J. D., steady in force and direction. Prair with bright mornlight. Party cloudy last how. Moderate and from Nd. Elace hauled on port tack wider for topmast staybail and plain each to toppallant each except a single need in the mainsail. Stopped distilling at 1.12. apprentices at the wheel.

From 4 to 8 a Mr.

Cloudy to clear. Gentle to moderate breeze from 9 by I to 9. Ferrae Follow.

Of 7 no ast royals and flying jib. At end of watch under all plain sail to royals with engle suff in manifold. At 7. to wore ship to Id and Ed. apprentices at the wheel. Sauked from under boles A. Eighted on sail during watch.

From 8 a. M. to Merid.

Frencell S. S. Lieutenant W. S. W.

Den wrather Gentle breef from Prest to Ch. 9th. Barmeter strady. Moderate sea from the Chestward bourse 9th by the world on the starbard treek arraging about 9 by 6 (pc) at 9.30 mustured and inspected at quarters, after which cleared ship for action and wrist to General Guarters. Times 9.56 called bleav ship for action, 947 all isade; 9.50 consided to General Guarters. Times are day are follows: Commenced 1.30: After Goden 1.50; 2 and Friesm, 2.55; 2 Dinism, 2.35; 94 Finism, 2.35; Vanigatore Finism, 2.35. Commenced account of 9.55; at 10.05 excused. AM19 wish to Fine Quarters, all Finisms reported in 2 minutes; excused at 10.25. Distilluig with fire backed under briles & Cleaned and discussive Graniers before appreciate at which is other of bleaved and give 12° 73° formal ye-71° aft.

From Meid to 4 P. M.

Swage R. Como. E Ensign N. F. W.

Clury and pleasant. Gentle to moduate been from Oh by I to I the by Oh Baconeter steady. Ing surell coming up from AD. At 12.30 work align and came by the wind on port tack heading AD A Department to quadrag 35.8. At 12.50 furbed engels and stand frying jet Oh 20 clock people down and brading; called Direction to quadrag and misperted brading of apprentices of end of watch under plane early to topopelland scale, except angle seef in manusally class brading of Oh. Distilling. Apprentices at what.

From 4 to 8 P.M.

N. G. Softman Energy W. S.W.

Eight beger from BAN and Of by N. Cours & Ok by N. (se) DO 4.10 clears up topgellant scale and took in myzer gaff topsail and maissail to a squall and at 4.30 set topgallant scale and maissail to a squall and at 4.30 set topgallant scale and maissail. At 6.10 cleared up topgallant scale and took aright seef in topsails after which chook not reefe and set topgallant scale again a lend of watch, skip by the wind on por tack under for topment starpail and plain sail to topgallant scale accept anyth reef in manual. Itopsallant scale and allowed free to die not under brief of appendices at the whole was in right during watch.

Jum 8 P.M. to Mid.

Light busy from M. by A. and M. by G. bleav and pleasant Moon rose at 9.50 Passed near busque standing to the FW. on starboard tack, between 9.30 and 10.00. blove hauled on post tack under same soil as at much of generating watch appendixes at the volul.

Leutenant QU. 8 PM.

Examined and found to be correct.

J. B. Millon, Lieutenant W. S. Navigator. LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Touthampton England to Tunchal, Madeira.

			Reading	V	WIND.				BAROME	ETER.	TEM	PERAT		State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.			5/. 3	Je by 9. /2 9.	Oh by F.	3	3	3/4	30.27	70	69	68	69	b.w.	nme	10	2
2	2	2	52.6	No hy CU: 14 CM.		3	3		30.27					0	cir.cum	.7	
3		8	53.4	St 2, 04. 3/4 94.		3	3	3/4	30.27	70	69	68	69	bu.	none	10	
4	1	7	53.6	ANQ.		2	2		30.26	100			. /	"	1	10	
5	1	2		/		2	2	,	30.23	100			,	b.c.	cum.	10	
6	1	0	54.1	A. A. Ot. 1/2 Ot.	CH. 98.	2	2 2		30.23		1 . "			<i>b</i> -c.	cir cum.	,	1
7	0	8	54.2	J. M. 1/2 W.	of W. by W.	2	2		30.24	1		1 .				8	
8	0	5	54.4	194.	OH. FOU.	2	2	2	30.27	,				. "	cum.	9	
10	0	5	54.4			1-2	2	3	30.27	72	70	68	70	~	-	9	
11	ó	5	54.9	NOW. /2 04.	90. by 04.	1-2	2	3	30.27					".		9	1
Noon.	1	8,	56.7	301:14 W.	I'M.	2	0	0	30.27	74	72	70	70.			9	1

37 8 Distaur	e and by big	
Course and distance	re made good since preceding noon by observations, A. A. 4. 4. 94.	27 knots. tenths.
	Latitude by D. R.	37 °54 ' N. "
Position at Noon:	Longitude by D. R.	13 0 19 '04. "
Position at Noon:	Latitude by observations of ©	37 ° 50 ' Vr "
	Longitude by chronometer from Forenoon Observations of ②	13 017 194."
D. 111	(Latitude by D. R. from Nom (Longitude by Observation O	37 ° 51 ' W. "
		13 0 15 19/1. "
Desition at 9 D M	Latitude by St. b. from Now (Longitude by Chemoneter from afternoon observation o time, 4/2, knots tenths perhous, setting to the S. 9 & 1/4	37 0 18 ' N. "
Position at 8 F. M.	Longitude by Chronometer from afternow observation o	13 044 194 "
Current during the	e time, 4/2 knots tenths per hour, setting to the 9.96.14	6.
Pravation of the C	Compass by Azimuth O observed at 4 0 %, ship's head 9 %/4 %.	17 ° 05 ' %. " Var. wed 18° 40 %.
Deviation of the C	Compass by Azimuth ⊙ observed at 4 P.M., "	0 25 'M. " Var. used 18° 40 %.
Water expended d	uring the preceding 24 hours,	400 gallons.
Water distill	during the preceding 24 hours,	200 "
Water remaining of	on hand fit for use at Noon,	2450 "
Coal consumed dur	ring the preceding 24 hours,	2 tons S 60 lbs.
Coal remaining on	hand at Noon,	147 " 1620 "

P. M.				99.1494												-	
1	2 2	76	59.4	901.12.04.	901.	2	25.20	0	30.27	74	73	71	70	b.c.	cum.	9	2
2	5	7	67.7		Pot. by W.	2	25.20	0	30.27	74	74	71	70			8	-
3	5	i	72.8						30.25							8	
4	5	0	77.8			2.3	25.20	0	30.23	75	77	72	70			9	
5	4	7	82.5			3	20-18	0	30.23	73	75	70	70			9	-
6	3.	9	86.4	4		4	20-18	0	30.22	72	73	69	70			9	
7	3	4	89.8			4	20-18	0	30.21	72	73	69	70		1	8	
8	3	6	93.1			3	20-18	0	30.22	72	72	68	70		4	9	
9	3	8	96.8			3		0	30.22	72	72	68	70		4	9	6.
10	3	8	106.4			3		0	30.22	72	71	68	70			9	
- 11			3.9			3			30.19				70		.,	9	-
Mid.	3	4	7.1			3		0	30.19	72	71	68	70			9	
																1	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. bleau Tight to gutte bery from Oh by I bouse I Oh by Oh Clade same sail as in presenting watch appendicus at the what.

From 4 to 8 a. In Eventual Co. I'm wrather Sight breeze from Ot. by I to I'M by W. Bavorater steady. Sentle avell from about I of 4. Concer I of by W. Bavorater steady. Sentle avell from about I of 4. Concer I of a land washing about I of your arrange consequence (40.5) At 3.8 hauted up mainsail and short neef out and fulled. Started fire under briters & and D. Began hiriting smoke pipe a end of watch a back in eight on wrather low, standing to the I'd and Ed on starband tack distant about from (4) miles apputices at the wheel

Drow & a. M. to Merid.

Drain Cloudy wather Light air to hight breeze from & FU to FU Balometer steady.

Diminist cleaning chip. Brietod smoke stack; get core on main yard and at 11.10 called all hands aborten sail Durad early and early and early all hands inthe suggest white steam under bottom of both of the or of the both of the or of the arms of magazine 32 73 forward 71 271 aft.

From Maid. to 4 P.M. Chay and pleasant. Eight to sputte beezer from S. N. vocung to S.M. Ship under steam alow, frie under tur biles beaut B. on conser F. H. W. (pc), until 12 to when it was changed to F.M. 12 W. (pc) Just 12 to when it was changed to F.M. 12 W. (pc) Just 12 to when it was changed to A. W. Le Just 12 to under the way changed to the wheel as and so was starmed to the wheel as an as the wheel as a starmed to the second to the wheel as a starmed to the second to the s

Even 4 to 8 P.M. Leviter and U. J. Ol. Lever and pleasant. Long swill from Old.

As the sextlangul extricter with a German bargue standing to the Sd. Auder steam alone wing boilers to and D., on coming I V. 1/2 V. arrays steam 55 lbs.; revolutioni 31. Apprentices at wheel.

Draw 8 P. M. to Mid.

Sleav. Gentle breeze from I M. by W. Fteaming inth free under bother b. and D.

bones I W. to W. Shoppy sea, modulating last part. Them was at 10.50 P.M. arrage steam pressure 56th.

Revolution 31. Apprenticies at the wheel.

Hercell

Revolution 31. Apprenticies at the wheel.

Examined and found to be correct

J. B. Mollon, Lieterant O. F. M. Navigator. Thip Essex

Third Rate,

Making passage from Touthampton, England to Funchal, Madeira

			0	U	V												_
			Reading		WIND.				BAROME	ETER.	TEM			State of	Forms of	of Clear in 10ths.	be Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in	State of the Sea
A. M.	51	1 2	10.3	904:1204.	Fee. by O.	4	0	0	30.14	72	7/	68	70	b.c.	cum.	8	8
2	,		10.9	0 04.12 04.		4	0	0	30.10	/	,	68	1	"		8	
3	1	0	11.5	,,		4.	0	0	30.08	72	71	69	70	4	cir.cum.	7	.,
4	3	1	14.5	.,		4	0	0	30.06	72	71	69	1	.,	aum.	7	-
5	2	5	17.0			4	0	0	30.02	1	71	, '	70	"	cum stras	-	-
6	3	0	20.0			4	0	0	30.02	1	,	69	70	0	"	5	
7	2	5	22.5	-	"	4	0	0	30.02	/	71	69	70	8.c. p.	cum and	2	
8	2	2	24.7		900	5	0	0	30.02	1		69	70	2		0	
9	0	5	25.5	25.	JW.	6-7	0	0	30.02	1	71	70	71	6.0.9.19.		2	1.
10	3,	9	28.8	9 h & 2 M.	04. ly 9.	5.6	0	0	30.03	1	70	69	71			2	
11	4	7	32.5	I by W. 12 M.	W. Ly J.	5.4	2	0	30.03	1	/	69	/	b.c.	1	4	
Noon.	4	4	37.9			4	2		30.0 2	11	10	09	,,	0.0.		1	
									1								

84. 7 Distance run by Patrut Log Course and distance made good since preceding noon by observations, FFW/4 W. 86 knots. 36 035 · N. " Latitude by D. R. 14 000 1 94. " Longitude by D. R. Position at Noon: 36 034 ' N. " Latitude by observations of O 14 002 194. " Longitude by chronometer from Forenoon Observations of @ Position at 8 A. M. Latitude by D. R. from Norm 36 ° 48' W. " Longitude by Observation O 14 004 194. " Position at S. P. M. { Latitude by D. R. from Nom/ Conference of Confere 35 ° 59 'A. "
13 ° 56 'W. " Current during the time, 2, knots tenths par hour, setting to the FU 12 W. 14 W. Flowerton of the Compass by Azimuth O observed at 4 P. M., ship's head Fly W. 44 W. 16 ° 41 ' W. 0 56 ' E. " Dav. used 18:38 %. Deviation of the Compass by Azimuth O observed at 4 Q. M., Water expended during the preceding 24 hours, 406 gallons. during the preceding 24 hours, Water remaining on hand fit for use at Noon, 2050 lhs Coal consumed during the preceding 24 hours, 8 tons 80 Coal remaining on hand at Noon, 139 "640

		-					Total						-	-	The state of the state of	7	-	-	8
1	P. M.																		
	1	4	4	42.3	9. by 94:1+ Q.	04.904	5	2	0	30.00	72	71	69	71	b.o.	civ.cum	6	6.	
				47.8	5. 9 W.	Q1. by 9.	5.7	3		30.00					b.c.q.				-
				52.7		1	6	3		29.98						am . wint	.4		
				57.3	9.99:1484.		6	3		29.98						cum.	6		
				62.5	P. by Q1.3/4 Q4.	9. 8°Ct.	4-5	- 3	0	29.96	72	71	66	71			7		
	6	4	7	67.2	9. By 04.12 84.	,,	5.6	3	0	29.96	72	70	66	71			8		-
	7	3	6	70.8	9. 8 W. /4 W.	Ot. by S.	5.6	3	0	29.95	72	70	66	71			7	On.	
	8	3	2	74.0			5.6	3	0	29.95	72	70	66	71			7		
	9	3	8	77.7			5.6	9	3/4	29.97	71	69	65	71	b.c. 129.	cum minh	5	4	
				81.6	9.9.01.3/401.		5.7	3	3/4	29.98	71	69	65	71	b.c. 19.9. l.		7	Q,	
	11	3	5	84.7	FW.	Of by N.	5.7	3	1/2	29.99	70	68	64	71			5		
	Mid.	3	5	87.8	901. 1/4 94.	W. St Ol.	5.6	3	0	29.99	70	68	64	71			8		

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M.

Bright mornlight Christien beeze and see from II by I Banking up

occassionally to windward. Barometer falling. Phifted from bales & to bales it Course I I 1/2 I.

under steam alone. apprentices at which average steam 47 lbs. arrange revolution its

George Rassus.

20 En course II III

Dean 4 to 8 a. M.

Carthy cloudy, flying send from F. M. Moderate to stiff brew from F. Ch. ly a Bacometer steady. At end of white whole steam in boilers A and E, on course F. 14 a avage steam 55 lbs.

Correage revolutions 35. apprentices at the wheel.

M. A. Soman

Europe & a. On. to Pheid.

Singly W. F. M. Some of Charing with passing rain aqually first part, indications of cleaning wrather latter part of watch. Fresh to ordy feels begge with rain aqually moderating to moderate to atlef begge by end of watch and sometime from Feb. to Ob. by F. Ot 9 20 act jet for topmach etayonil, main trysail and apartee and brought ship by the wind on starband tack. This willing to moderately heavy and choppy area from ON FOD. Latient will to window to 22 to become to "De 9 30 mustud at quartee and land discussed unspection. Come Tol. 19 (pc.) Of end of watch ship by the wind on starband tack under stoom and jet, for topmach tryspall, main trysails and espectaries at the while Overage steam 55 lb. Overage new sentions 36.5.

Designature of magazine 73-73 forward, 70-90 aft.

From Pheirds to 4 G.M. Stiff large from Ob 901 and Ob by 9 Heavy rain equall at 2.00 Dair enather Choppy are. Ist the migger toymark staypail at 3.15. At each of watch under straw using britis A and b., and jet. For toymark etaypail main trysail, myzer toymark staypail and expander. On stailvand tack. Our agreets am 55 lb. Correlation 34 q. Capputticis at the while.

Dean 4 to 8 4 M. Secretaria to stiff breeze from Bh 9 Ch and Sh by 8 Chodesate sea from 9 Ch. U 5 30 pert jit previous parted bouled down and stand jit Quest for atoms etayoail and set it at 6 P.M.; also brut atoms magain al 6 P.M. hauled down and stand magain topmash stayoail of sud of watch sunder for topmash stayoail, for storm stayoail, main tripail and aparter. Iteming with frie under bries to and A. among strain presence 55 lb. Cherolitics 31 7. Apprentice at the wheel.

From & P. M. to Mid.

Severally bright stackight bean winder clude from time to time passing one head to the Eastward accompanies by heavy rain. Fiff to bruy field brezer from M by L. crewing last two home to M & M with a about raing balometer. Rough seen from the M testimed Bourse FM 4 M. which came cail as preceding watch. They on her come after almost 10.50. Appendices as the wheel Obsether moderating alightly last home. Away steam queune 55 lb. Perolitini 32. Nothing in eight

Examined and found to be correct.

J. B. Me ilton, Lieutenant Ol. 991, Navigutor.

Energy OL S. W.

LOG of the UNITED STATES Phip Essex Third Rate, Making passage from Frithampton England, to Funchal, Madeira

			1 11	1 1													
			Reading		WIND.				BAROME	ETER.	TEM			State of	Forms of	Clear Oths.	he Sea.
ar.	Knots.	oths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	eway.	Height in inches.	Ther.	r, Dry	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
Hour.	Kn	Te				Po	Ħ	7			4	4	3 8			4.80	8
A. M.		5		0011/01	Of NOt.	1,-					1-	1-	71	0	1	.,	æ
1	3	8	91.3	901.3/4 04.		6-7	3		30.01					b.c. sp.	sunit.	4	٠٠.
2	3	5	94.6	901.1/201.	Ot by N.	6	3	0	30.01	70	69	65	71	b.c.	cum minel	.4	
3		7	98.3	9 91.3/4 94.	01.804.	5.6	3	0	30.01	69	68	65	71		eum.	6	
4	4	6	102.9	"	"	5.6	3	0	30.01	69	69	64	71	"	-	6	
5			7.3			5-6	10-15	0	30.00	69	69	64	71	,		5	
6		2	9.5	991.1484.	A Of. by O.	4-5	8-10	1/2	30.02	69	69	64	71	7	.,	5	-
7		0	13.5	9.901.3/401.	CH. NOt.	4-5	8-10	1/2	30.03	70	69	64	71		"	5	
8	4		17.8	\$9.129.	A 94. by 94.	4-5	8-10	1	30.04	71	70	65	71			7	
9	4	7	22.5	991.1494.	. 1	4	24	1	30.06	71	70	64	71	*		8	M.
10	4	1	27.2			4	4	3/4	30.07	72	70	64	71		"	8	
11		7	31.9	991:14 9.	Q1. N Q1.	4	3		30.09					"		7	
			36.8	904.	N 21. by 21.	4	3		30.10							7	
Noon.	3	0			1					1	1		1			'	

100.2 Dietas	ere new by Patent Log.	į.
Course and dis	stance made good since preceding noon by observations, 93/8 %.	/02 knots. tenths.
	Latitude by D. R.	35 002 ' N. "
	Longitude by D. R.	14 026 191."
Position at No	Latitude by observations of ②	34 °50 ' N. "
	Longitude by chronometer from Forenoon Observations of O	14 ° 12 '04. "
D 111	A.M. {Latitude by D.R. from Nom/ Longitude by Observation 0	35 °09' N. "
Position at 8 P	(Longitude by observation O	14 ° 06 ' %."
Desiries at 0 I	M. (Latitude by S. R. from Norm) Longitude by Chemometer from Afternoon observation of the time, 16 knots tenths per-hour, setting to the FE/4 F.	34 ° 24' A."
Position at 8 P	Longitude by Chronometer from afternow observation o	14 ° 30 'W. "
Current durin	g the time, 16 knots tenths per hour, setting to the 98/49.	
Deviation of	the Compass by Azimuth O observed at 8 Q. M., ship's head \$9. 14 W.	19 ° 16 ' 24.
Deviation of	the Compass by Azimuth O observed at &Q.M., "	2 ° 26 ' 94." Var. used 18° 20 %.
Water expend	ed during the preceding 24 hours,	300 gallons.
Water di	stilled during the preceding 24 hours,	. 50 "
Water remain	ing on hand fit for use at Noon,	1800 "
Coal consumed	during the preceding 24 hours,	5 tons /9 40 lbs.
Coal remainin	g on hand at Noon,	133 " 940 '

P. M.															1	130	
1	4	5	41.3	99. by 94.	19.	4.5	4	3/4	30.10	72	70	65	73	b.o.	cir.aun	5	94
2			45.5			4-5	5	3/4	30.12	72	70	65	73			7	
3	4	7	50.2	99. b. 01.1491.		4	4		30./2						cum.	6	
4		9	54.1	99. ly 04. 1/2 04.	A Q. ly Q.	4	4	3/4	30.12	72	70	66	73			5	
5	3	5	57.6	01.9.91.3/404.	N. N. W.	3	3		30.12						cir. cum.	6	-
	3		61.3			4	3		30./2						cum.	6	
7	3	8	65.1	04. 904.	,	4	3		30.14							7	
8	3	3	68.4	94. 901. 3/4 QL.	r	4	Rose.	3/4	30.16	73	70	65				7	
9	3	0	71.0	Q1.3/4 8.	A. ly Ol.	3	15-10		30.14			65	73			7	
10			73.2	,,		3	15-10		30.14		1	65	73			8	
			74.7	*		2	15-10		30.15							9	
			74.9	1		1	15-10		30.12						-	9	
			1000								'						

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a m Charles sea few & 1.4 %. Ship volving considerably (maximum observed vill 35°) At 30° clock ast foresail. It 3.50 set jet and housed down for storm staypail. Between 1 and 20° clock alip was off her conce is possif for \$12 kmet. When if watch under jet for topmast staypail, foreast, main typest and expanser, and oten in bottom A and b., memor felt to through stan 50° lb. away revolution 50°. Apprentices at the whole the wheel.

Drow 4 to 8 a.m

Dais and pleasant . Orderate to stiff been from it & by D. and D. 49. Of 450 the coun sheete of boler & decented to be beload harled five under same immediately banked five under boler to and stopped steaming. Europeld projecter and made sail to topsaile; took anight need in mameral and set it, having lavied and the stack. Europed topgellant yards at 70 clock and set topgellant sails. At 60 clock set main and migres typnach staypails. Cause I 9 3/4 9 (pc) A and of watch under for main and migges typnach staypails main tripail and all plain said to toggellant early Except ungle reef in manisal by the und on starband tack. Appendices at the wheel accords straw 55 lbs. Awago revolutions 32.5. Backed free under

From 8 a. On. to Mend

Moderate breeze from A. R. G. D. and Ch. A. D. Dair and cool. In oderate sea from Ch. I. D. at 8.30 changed come to O. F. M. per Standard. Of 9.30 mustard crew at quarter During 1st period, 9.45 to 10.30, restructed all apprentise in examanchip; 2. 1d percot 10.45 to 11.45, post watch at madenepill acamanchip. Fitted rajel gards with air foot raper By order of Commanding Officer I comes Flephon, Bearnew, was eated Exercise to date from Extender 21.4. One said in sight acteur standing to 4th and His. At suid of writers clase housed on standard tack under all stangards, main tryail and plain said to topgallant sails, except a suigh reef in the maniorist. Began chetilling with fire backed under birth of birth face backed under birth of side of birth for the suight of birth and continued work of againing tubes of birth D. and commission with superior of magazine 73-73. format, 74-71.

Own Meid to 4 P.m.

Blea . Product to stiff buyer from 44 and 44 by b. Boune 4. 49 1/2 4 (pc) Under same sail as in presiding witch Banket frie water brites 4. Distilling Exercises and waterted apprentises as follows: 3.d period, got water, sails and groundities are follows: 3.d period, got water, sails and groundities all hands. One sails in eight about the post han distant about they rules apprentises at the while.

Leitenaul Q. J. W.

Die wrather Perdevate breye from A.A. Barmete riving. Perdevate era. at about 4.15 changed course to 9.44 9. Loisted flying jet and all gelf topsails. At 6.15 enight refed topsails and made each again; errend royal yards. By the wind m starband tack under same each as preceding roated with Exception noted approximin at which Tutiling From K. Towns.

Jum 8 F. M. to Mid Eusign M. S. W. Shear Bright stockfeld Goodle beeze to light air from A. by H. Baroneter falling. At 100 clave to the in main trypail. At each of which under all plains cail to enjely except surge reef in manimal) all trymest stoyracle and geff tograil, memore 84 4 5. appuntion at which Destilling.

Examined and found to be correct.

M ND Eman Energy R. J. D. B. Meilton, Lieutewant Q1 99 Navigator

Thurd Rate,

LOG of the UNITED STATES Thip Essea Thuid Making passage from Southampton England to Funchal, Madeini

		Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of	Forms of	Clean Oths.	e Sea
Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
38	56	75 0	Ot.3/4 S.	A by 24.	1-2	Roll	2	30.14	71	70	65	73	b.c.	Cum.	9	£.
0		1	No steerageway	balm.	0		0	30.15	71	70	65	73			9	
0	0	Hauled in	. 0		0		0	30.15	71	70	65	73	-		9	
0	0			N. N. Ob.	0-1	27.26	0	30.15	71	70		/			6	"
0	5		94.994.		0-1	0	1/2	30.15	71	69		/			7	4
0	5				0-1	0			,	1				-	4	-
1	0		991. by 01.1/2 01.		0-1	0			/	1		/		,		-
0	5	-	Q1. F. Q1.		0-1	0	1/2	30.20	72	70	66	73	-		4	
0	5		F94.	W. N. W.	0-/	0	1/2	30.20	72	70	67	73	-	cir oum	5	
0	5		Phy 94.	Ot. by J.	0-1	0	1/2	30.21	73	71	67	73		cum.	4	
0	5			West.	0-1	0	11/2	30.22	74	71	67	73			7	
0	5				0-/	0	11/2	30.22	74	72	68	73			2	
	000000000000000000000000000000000000000	38 5- 0 6 0 0 0 0 0 5 0 5 0 5 0 5 0 5	2 Log. 2 1 Log. 2 0 6 75 0 0 75 0 0 75 0 0 5 0 5 5	1	2 1 100 100 100 100 100 100 100 100 100	2 Long. 1. Long	2 Long. 10 C 75 0 ON 3/4 F. S. by D. 1-2 Rest. 0 0 75 0 No attenguency Calm. 0 0 S St. 8 D. 10 FOR by D. D. 10 FOR by D.	2 100 100 100 100 100 100 100 100 100 10	0 6 75 0 Ch. 3/4 5. I by & 1-2 Rat 2 30.14 0 0 75 0 No stanguray Calm. 0 0 30.15 0 0 South of the Stanguray Calm. 0 0 30.15 0 5 & & & & & & & & & & & & & & & & &	0 6 75 0 Ch. 3/4 S. S. by & 1-2 Red 2 30.14 71 0 0 75.0 No stainageway Calm. 0 0 30.15 71 0 0 South of the stainageway Calm. 0 0 30.15 71 0 5 St. & W. S. O-1 0 1/2 30.15 71 0 5 St. & W. & O-1 0 1/2 30.16 71 1 0 & S. & W. & O-1 0 1/2 30.20 72 0 5 & S. & W. & O-1 0 1/2 30.20 72 0 5 & S. & W. & O-1 0 1/2 30.20 72 0 5 & S. & W. & W. & O-1 0 1/2 30.20 72 0 5 & S. & W. & W. & O-1 0 1/2 30.20 72 0 5 & S. & W. & W. & O-1 0 1/2 30.20 72 0 5 & S. & W. & W. & O-1 0 1/2 30.20 72 0 5 & W. & W. & O-1 0 1/2 30.20 72 0 5 & W. & W. & O-1 0 1/2 30.20 72 0 5 & W. & W. & O-1 0 1/2 30.20 72 0 5 & W. & W. & O-1 0 1/2 30.20 72 0 5 & W. & W. & O-1 0 1/2 30.20 74	0 6 75 0 Ch. 3/4 S. N by & 1-2 Real 2 30.14 71 70. 0 0 75.0 No stainagenay Calm. 0 0 30.15 71 70. 0 0 S. Shotchim 0 0-127.26 0 30.15 71 70. 0 5 Shotchim 0-1 0-1 0 1/2 30.15 71 69. 1 0 Shotchim 0-1 0 1/2 30.26 71 70. 0 5 Shotchim 0-1 0 1/2 30.20 72 70. 0 5 Shotchim 0-1 0 1/2 30.20 72 70. 0 5 Shotchim 0-1 0 1/2 30.20 72 70. 0 5 Shotchim 0-1 0 1/2 30.20 72 70. 0 5 Shotchim 0-1 0 1/2 30.20 72 70. 0 5 Shotchim 0-1 0 1/2 30.20 72 70. 0 5 Shotchim 0-1 0 1/2 30.20 72 70. 0 5 Shotchim 0-1 0 1/2 30.20 72 70. 0 5 Shotchim 0-1 0 1/2 30.20 72 70.	0 6 75 0 Ch. 3/4 5! N by 9. 1-2 Real 2 30.14 71 70 65 0 0 75 0 No strengency Calm. 0 0 30.15 71 70 65 0 0 South 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 6 75 0 Ch. 3/4 5.	0 6 75 0 Ch 3/4 9 N by th. 1-2 leve 2 30.14 71 70 65 73 b.c. 0 0 75.0 No stansagenay Calm. 0 0 30.15 71 70 65 73 0 0 30.15 71 70 65 73 0 0 30.15 71 70 65 73 0 1.4 th. 0-1 2/2 2 0 30.15 71 69 65 73 0 5 1 0 1 1/2 30.15 71 69 65 73 0 -1 0 1/2 30.15 71 69 65 73 0 5 1 0 1 1/2 30.15 71 69 65 73 0 -1 0 1/2 30.16 72 70 66 73 0 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 6 75 0 Ch 3/4 9 N by 9 1-2 level 2 30.14 71 70 65 73 b.c. Cum. 0 0 75.0 No strangeway Calm. 0 0 30.15 71 70 65 73 0 0 30.15 71 70 65 73 0 0 30.15 71 70 65 73 0 1/2 30.15 71 69 65 73 0 5 0 1/2 30.15 71 69 65 73 0 1/2 30.15 71 69 65 73 0 5 0 1/2 30.16 71 69 65 73 0 5 0 1/2 30.16 71 69 65 73 0 5 0 1/2 30.20 72 70 66 73 0 5 0 5 0 1/2 30.20 72 70 66 73 0 5 0 5 0 1/2 30.20 72 70 66 73 0 5 0 5 0 1/2 30.20 72 70 67 73 0 5 0 5 0 1/2 30.20 72 70 67 73 0 5 0 5 0 1/2 30.22 74 71 67 73 0 5 0 5 0 1/2 30.22 74 71 67 73 0 5 0 5 0 1/2 30.22 74 71 67 73 0 5 0 5 0 1/2 30.22 74 71 67 73 0 5 0 5 0 1/2 30.22 74 71 67 73 0 5 0 1/2 30.22 74 71 67 73 0 5 0 1/2 30.22 74 77 67 73 0 5 0 1/2 30.22 74 77 67 73 0 5 0 1/2 30.22 74 77 67 73 0 1/2 30.22 74 77 67 73 0 1/2 30.22 74 77 67 73 0 1/2 30.22 74 77 67 73 0 1/2 30.22 74 77 67 73	0 6 75 0 CN 3/4 S. Nby W. 1-2 level 2 30.14 71 70 65 73 Bec. Cum. 9 0 0 75 0 No desinguosy Calm. 0 30.15 71 70 65 73 9 0 0 Handelin 0 30.15 71 70 65 73 9 0 0 S. Ch S & Ch

4 3. 6 Distance run by Frg Course and distance made good since preceding noon by observations, J. 99.349. 4/ knots. 34 0 14 · N. " (Latitude by D. R. 14 0 39 . 84 " Longitude by D. R. Position at Noon: 34 0 12 , 1. " Latitude by observations of O 14 034 . 94 " Longitude by chronometer from Forenoon Observations of ⊙ Position at 8 A. M. (Latitude by D. R. from Now Longitude by observation O 34 0 14 1 1 " 14 035 194 " Position at S P. M. { Latitude by S. Q. from Norm [Longitude by Chronounter from Often on Observations O. A. S. 33 0 50 1 1. " 15 003 , 94, 11 Current during the time, 5 knots tenths per hour, setting to the \$6. by 6.46. 18022, 04 Deviation of the Compass by Azimuth O observed at & Q. M., ship's head 90./2 & 1 0 32 , 94 " Var. used 18° 26' 2. 375 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, 903 Water distilled 2328 Water remaining on hand fit for use at Noon, / tons //00 lbs. Coal consumed during the preceding 24 hours, 131 " 2000 " Coal remaining on hand at Noon,

Р. М					9. h. W.													
1	2	5	5	75.0	04.8 4. 1/2 94.	Plest	0-1	Roll.	0	30.19	74	72	67	73	b.c.	euw.	2	L.
2			7	82.0		0	1			30.19							2	
3	4	+	6	86.6		,,	2		0	30.17	72	70	67	73	в.с.р.	mint.	4	
4	4	+	8	91.4			. 2	25.25	0	30.17	74	72	68	73	b.o.	in um.	4	
5	6	5	0	96.4			1-2		0	30.18	74	72	67	74	1	mint.	4	
6	2	2	7	96.4	Ot. ly 9.		1		0	30.19	73	71	67	74			4	
			5	7.0			1		0	30.19	72	70	66	74			3	
8	3	_	5-	12.5		Calm	0	26.25	0	30.19	72	70	66	74			3	
9	5	-	8	18.2			D		0	30.19	72	71	67	74		cum mil	.4	
10	5	5	8	23.9		4.94.	2		0	30.19	72	70	67	73			5	
11	6	0	0	29.6		balm.	0		0	30.19	72	70	67	73		eum.	8	
Mid			5	35.0			0	20-18	0	30.16	72	70	68	73	-		8	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M.

Bleav and pleasant. Sight are from N. 4.9. and calms. No strenageway greater part of watch. Concer I 34 F. (par Chorn rose at 135 h & Flip willing to lower audit from Not. and Old; maximum will to stailward 26; to pert 27: At 12.15 hauled down main and maygow topomer stayouly to premit chafe and at 2.10 hauled up concer and took in eparker and gaff typosil for same reason At end of watch chip under for topomer traysail and plain sail to engels except conversand sparker with no strenageway. Sixtilling with files build under lotter it apprentices at the wheel.

Bion 4 to 8 a. M.

I Levelenant V. J. M.

Light air from A. M. and calus. Fair and pleasant Long evil from A. D. Tork in topgellant sail and eyels at 7.45 to pure chape at end of watch under topsails and head early heading O. L. El. Dittilling with fruit banked under laker of appuratures at the while.

From 8 a. M. to Merid.

Gienteward W. S. W.

Since & M. M. to Moud Sundry to clean Coalin Occasional light aris from VI. V. M. to M. by S. At 9.10 started fries under briler 18. and exceed fries under briler 14. At now stopped distilling. At 90 close friesh anxional and put on yard cover. Briefly a took stark fries under from topped distilling. At 9 to mustered anxional and put on yard cover. Briefly the Siries particle of examining place From only Directors. In Time of Directors a friend and expensive in the sund and inhabiting jib (alifting jib) and after Court Directors. I'm print all appendiculation was unterested in hudding and unhabiting jib (alifting jib) and unter black all against a fill and field all against acid (although Directors). During eurly from the B. Emice 9. I for backwood by Boodwood up main toppand and three botterets. I suggested June 1891. On accommendation of Braid of Guerry and appeared by Boodwooding Officer their buse better was themore orchard. Appendice at the while Demperature of magazine 74° 74° forward, 71° 71° aft. Detected magazine flood carlie and found them in unrhung order.

From Meid to 4 P. On

Lieutenant Q. S. M.

Elandy Passing shown between 2.00 and 3.01. Light air and been from the Ast at 12.10 started absorb under atom At 12.05 put one petent log unding 75,0 kts., and at once At 12.10 the Instituted appendice of watch as follows: 3th period mailusepide estimately; 4th period grunning Perdecate sea and long swell from the Chetward. Appendices as whall Arthurg in right anago otens presum 4th lb. Arrage number of Northuric 293. Under stan along liters it and 13.

Fronge K. Evens,

Dum 4 to 8 P.M.

Ensign W. S. W.

Partly cloudy. Balow to light breeze from Obert. Baroneter riving. At end of watch under steam in Inters. A and B., on contex Ob. by J. at 5.25 changed corner to Ob. by J. potent by reading 98.9. Appuntice at the wheel.

From 8 P. M. to Mid.

M. J. Coleman Energy Ou. J. M.

Prime & V. Mr. to Vado.

Pair to clear Fight breeze and air from A Vr. and calmer. Concre Vr. by F (pc) At 9.30 a light breeze eases who from A Vr. when at for and aft early and at 10.10 the breeze having died out took in and A vail. At each of watch weden attack alms on once A medicaght changed concret to 4.50 (pc) (ignerative at the which arrange steam 5.8 h. arrange nevertation 35.

Wil Caperton Sentenent V. S. R.

J. B. Milton, Linterant & J. N. Navigator.

Examined and found to be correct.

LOG of the UNITED STATES Thip Essex Making passage from Touthampton England, to Funchal Madeira

	10		0 0		V	_						_	-				-
			Reading		WIND.				BAROME	TER.	TEMP	PERAT		State of	Forms of	Clear Oths.	he Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	61.	2 5	40.5	Q1. \$ 91.	Calm.	0	lere.	0	30.13	71	70.	69	73	b.c.	cum.	8	L.
2	5	7	46.2		,	0		0	30.13	71	70	69	73	-	"	9	
3		5	51.7		South	1-		0	30.12	71	70	70	73			9	
4	5	7	57.4			1	20-19	0	30.11	71	70	70	73		"	9	
5	-	3	62.7		9. by 91.	1-3	0	0	30.12	71	70	70	73			9	
6	5	8	68.5			3	0	0	30.12	71	70	70	73		"	8	
7	5	7	74.2		J. F.W.	3	0	0	30.14	71	71	70	73		cir. eum	7	
8	5	1				3	0	0	30.14	71	71	70	73	-	eum.	9	
9	2	63	79.8	Of 9 91.1/2 84.		3	0	0	30.15	73	73	72	73			8	8
10	5	5	90.7			3	0	0	30.15	74	73	72	73			7	
11	5	4	96.1			3	0	0	30.15	74	73	72	73	1		7	
Noon.	-	0	101.1			3	0	0	30.15	75	74	73	73			7	-
																10	1

27	3 Distaure	un by Patent Fog.						
(Course and distance	made good since preceding noon by observa	tions,	1	knots.		tenths.	
				32	0 54	1.16	"	
		Latitude by B.R. Beaungs Longitude by B.R. Braungs		16	023	· W.	"	
F	Position at Noon:	Latitude by observations of o			0	,	"	
		Longitude by chronometer from Forenoon (Observations of ①		0	,	"	
		Latitude by			0	,	"	
F	Position at 8 A. M.	Latitude by Longitude by			0	,	"	
		Latitude by			0	,	"	
1	Position at 8 P. M.	Longitude by			0	1	"	
(Current during the	time, knots tenths per hour, s	setting to the					
1	Deviation of the Co	ompass by Azimuth O observed at	ship's head		0	1		
	Deviation of the Co	ompass by Azimuth O observed at	"		0		"	
,	Water expended du	ring the preceding 24 hours,			37	8	gallons.	
	Water	during the preceding 24 hour	s,				"	
,	Water remaining of	hand fit for use at Noon,			19	50	"	
-	Coal consumed duri	ing the preceding 24 hours,		9	tons /	190	lbs.	
	Coal remaining on	hand at Noon,		122	" 8	10		

	7	7		1				_	I								9.4	-
P. M	1.															1	-	
1	4	_	3	5.4	99. ly 4.3/4 4.	99. ly W.	3	0	0	30.15	75	75	74	73	0.9.	cum.	4	9.
2	4		3	9.7	,	. 0	3-4	0	6	30.11	75	75	74	73		cum aint	4	.,
3	4	1	1	13.8			3-5-	0	0	30. 10	75	75	75	73			4	
4	4			17.9	:		3.4	0	0	30.10	75	77	77	73			3	
5	3	0	4	22.0	NE /2 E.		3-4	0	0	30.09	74	74	74	73			4	
				27.9	N 21. ly A.		3-5	0	0	30.09	72	73	73	73	b.c.g.p.		4	
7	0	the	eiag	unay .	N.A. 24.	94. ly J.	3-2	0	0	30.07	72	72	72	73	b.c.l		6	4
8				0	"	91.891.	2-1	0	0	30.07	73	72	72	73		-	6	-
9	0		8	Hadedin	\$6.	9.9 W.	5.6	0	0	30.06	73	yz	71	73	b.c.g. b.		8	
10	0	,	2				5.6	0	0	30.06	73	72	71	73			7	
11	1		04		Ply 6.		6-7	0		30.07							8	:
Mid		1	2	1	Fly ou.		5.6	0	0	30.07	73	72	71	73			8	-
					,													

Commander Louis Kingiley Okednesday, September 26

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m.

Buight starlight Mom now at 2.40. Every swell from It is I will last two bleav and pleasant.
On Court & III per Flandard. Curvage stam 55 lbs. Revolution 34.3. Appendice at the while.

bleau Light aire to gentle been from F. by V. and F. V. Concer V. F. V. (pc). I teauning with frie under balers A. and B. A + 38 act jet, for topmach stayearl, main trysail and epauler, under this sail at end of natch. Than presum 55 lb. Cornage revolution 35. Apprentices at the which A 5.43 eighted Pate Parts Island

about 2 printe on stanband bow. at 80 clock shorth East Cock (middle part) pc. Alt. by & 16 " and Left tangent Paixo Island Ol. 18 9. (p.c.). Thips head Ot. S. O. (p.e.).

Tim 8 a. M. to merid.

Fine wrather Gentle beeze from the J. F. Baronete steady. Smooth rea On course ON 994 until 8.30 when changed to Ot FO. 1. Il Setur bog reading 82.1 At 9.30 mustered at quarters after which send down toppelland and engle yards and embed light early. Roved up both bown chains, but them and got anchors off the bow Orade paperation for port at 9.55 took in main toppelland later took in all for and aft earle at 10.00 Lunia Island bore about . It of the General Land bore about . It of the General season of the orange of the season of the sea magaznie 74: 74. forward, 72:72. aft. Jeorge K. Erus.

Our Meint to 4 J.M.

Eusign W. J. M.

on conce 48 by B. Have with been with frequent light agralle from 48 by B. Baronette falling. Steaming on conce 48 by B. H. B. W. W. Sectant about 11 with Contest in at the whole whole briles A and B. I and of write Grow Light born & A. B. Steaming. 11/2 miles apprentices at the wheel.

Oum 4 to 8 P. M.

n. J. Coleman

Pactly londy with yearing rain squalle from Feb. Lightung last low from N. V. and A. W. Neish Horning in aqualle from Feb. Ly and of water braiding in for Sunday between For salet and the Bessetze until 5 10 when in a heavy appall from Feb., the below were put hard a standard and chip becorded as to see + wound Form Salet. At 5.00 mode no number & D. J. J. J. to Form Salet Signish Flation. At 5.10 mode (International Code) to Form Salet. - J. V. C. S. Statum answered X. U. D. F. W. S. F. S. J. J. V. C. J. V. C. J. V. C. L. V. P. On answered R. S. J. after runding Fore Salet Light, should down to steerageway and braided N. I. at 8 o'click Ford Salet Light bore I by 6/6 E. (mag.) Da brus, inlage about \$91. by 91. (mag.), put helm had a pot and headed ship \$ E. Average stone 55 lb. amage acceletion \$1. Appendices at the wheel.

From 8 P. M. to mid

This to my feel breeze blaving in equally from I. 9 % blear and ord. Siglitum to the and Ord and what and stranged between Informed A and B., helying under les of Raderra Island between Iforge D. and Gravelet Light, engine fire giving her steerageway. Theodoling TE with 10.15, then changed concer to F. by E. and at 11.15 harded II for Jun Franked All 120 Brown I should be the for I by I harded All 120 Brown I should be the should be

Examined and found to be correct.

Gentleun, " Lientenant Cl. & A.

J. B. Me ellon Leitenant a. S. M. Navigator.

Theid Rate,

LOG of the UNITED STATES Phip Essex Making passage from Touthampton, England to Funchal Madeins and at auchon.

			Reading		WIND.				BAROMI	ETER.	TEME	PERAT		State of	Forms of	Clear Oths.	ne Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
м.	3/	2 2	Carledin	FQ.	FN. ly F.	4-6	0	0	30.05	73	72	72	73	f.c.q.l.	cumacial	7	B
2	2	2	-0.000			4-6	0	0	30.05						4	6	
3	202	7		9.91. &.		3.5	0	0	30.03		/	1	1	b.c.l.		8	
4	3	0		994.		4	0	0	30.05	73	72	72	73	,		8	ı
5	010	058		Fel. l. of 1/2 0/2.	FU.	4.5	0	0	30.04	73	72	72	73	bog.	4	8	1
6	1	72 21		O4. 404./2 94.		4-5	0	D	30.06	73	72	72	73			8.	1
7	2	3		Ol. POL. 3/4 OL.	99. ly 04.	4.5	0	0	30.07	70	72	72	73			8	l
		5		,		4.5	0	0	30.09	74	73	72	73	-		9	1
8	2	0			Of. by 9.	4-5			30.12	72	74	73	73	"		9	1
9		uch	~	O4. F	West.	4			30.12	75	74	73	73	b.o.p.		8	1
U				PW.		4			30.12	75	75	74	73			8	1
1				OL FOL.	04. ly F.	3			30.12	76	76	75-	73	4.		7	1
oon.				.N. U W.	y.					/	/-	/	'			1	

			THE RESERVE OF THE PARTY OF THE	_	The second second	
_	57. + Dietauce 1	e made good since preceding noon by observations,				
	Course and distance	made good since preceding noon by observations,	knots.		tenths.	
		Latitude by D. R.	0	,	"	
		Longitude by D. R.	0	,	"	
		Latitude by observations of ⊙	0	,	"	
		Longitude by chronometer from Forenoon Observations of ②	0	,	"	
		Latitude by	0	,	"	
	Position at 8 A. M.	Longitude by	0	,	"	
		Latitude by	0	,	"	
	Position at 8 P. M.	Longitude by	0	,	"	
	Current during the	time, knots tenths per hour, setting to the				
	Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	٥	,		
	Deviation of the Co	ompass by Azimuth O observed at , "		,	"	
	Water expended du	ring the preceding 24 hours,	401	0	gallons.	
	Water	during the preceding 24 hours,			"	
	Water remaining or	n hand fit for use at Noon,	155	0	"	
	Coal consumed duri	ng the preceding 24 hours,	8 tons 8 t	00	lbs.	
	Coal remaining on	hand at Noon,	114 " 10			

. M.	Thejis head					-			10000	
1	Q1. 9 Q1.	04.994.	3-4	30.12 7	7 77	76	73	b.c.	cir.cum	7
2	,		3-4	30.12 7	77	76	73			7
3		Q1. ly 9.	3-4	30.11 7	777	76	73			7
4	O4. by 9.	great.	3-4	30. 10 7						6
5	01. 901.		4	30.10 7.					cum amit	
6	,	Q1. St Q1.	3	30.12 7	1 73	74	73	b.c. g. e.	muit.	2
7			8	30.12 7	4 74	74	72			2
8	04. 6, 9.		3							6
9	01. 901.	J. 94.	3	30.16 7.					ann.mint	. 2
10	96. 6, 9.		2.3	30. 18 73				0.c.p.		0
11	9.9%.	Sorth	1-3	30.18 7					mint.	0
Mid.	901. ly 91.	વા નુવા.	2.3	30. 18 7:	72	71	71	0. c. p.		0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Obidnight to 4 a.M.

Slear I switle to moderate breeze from 9 0 by 9. Having stiff to feel puff.

Lightning to No. and Ord. Laying off and m", ctoaning elouby heading 8 0 bpc. with 2.15 when ence was changed to 9 1/2 & po. at 3.3 or soler Light box 10.129 at 3.40 changed concer to 9.90 1/2 9.

At 3.45 to 90.129, and at 3.53 to 90. all po. at and of watch 3 m Jetned Light box 4. 8. 1/2 4. (pc) short i mile distant appendices at the wheel. Itaning with free under bolom I and B. at 3.45 und ahead fell aged. arrang warm greener 55 lb. Resolution 16 3.

Enough to 8 a. M. .

Dive wrather. Guite to stiff begue from 9 c. vering along during watch to 84.9 at end of watch being baronete. This under steam alone ruing brilers of and 18. Steeling various concess standing along the Inthem show of Oradeino. At 5.00 off atalaya Pouls distant along 2.5 lets. appendices at wheel.

Finge (Corne),

Sundy but pleasant. South to stiff been they of to Oreh Barmeter rising.

During fiel part of watch standing in to Durchal under come of Barmadury Officer. At 9.45 talled all dands being chip to another ast spainter and cloud dawn at 10.02. Eachaught colors with an Euglish stanser without brand. Or 10.16 let age stathand auchor in 16 fathers of water and vector to 60 fathers.

Engud and land brand age gauguaye, fuel aprents and received pratagive from bratth officer But an officer allow to the O. I branded Durgert and property of the Order State of the Survey of auchonge Engues I was the Survey of water and second to the Order State of the Survey of water and second to the Order State of the Survey of water and second to the Order State of the Survey of water and second state of the Order State of the Survey of the State of the Survey of the State
bleau, warm and pleasant Grutte to moderate brezes from C. F. W. to Cleek Feet library party of mew on above at 10 clock. Barried fries under briler A and B. Distilling Fraught of ship 13 feet 5 who forward, 16 feet 5 to enches aft. Limited 9. F. D. Leinterant 9. F. D. Leinterant 9. F. D.

Grow 4 to 8 P. M. Sludy with passing abover. Eight breze with light equally from Orest to 94.4.04.
Barmeter viewig. Eintilling Barried frew under boders it and B.
M. D. Coloma

From 8 P.M. to Mid.

Bludy with pressing rain ugualle all of watch at frequent intervale. Light and guith breyer from A. M., vocining to North. allowed five under boiler A. to die mt. Ftypped distilling. Price boured under boiler B. H ray ground swell from secured.

W. D. Caperton Sentenant Ch. J. 91.

Energy M. J. M.

Examined and found to be correct.

G. B. Mo ilton, Secretarion. Secretarion.

Third Rate,

LOG of the United States Phip Essex at anchor in the Harbor of Frenchal, Madeira.

					WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Clear Jths.	ie Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	Shipe head.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				901.	101	0-1			30.14	71	71	71		в.с.р.	mint	,	
2					N. N. W.	0-1			30.13 30.15	71	71	71			. "	1	
3						1-2			30.16	71	71	70				4	
5				(N. F. O.)	N 94.	1-2			30.16					"	cuin	6	
7				West.		2			30.18	1		70		f.e.	cum.umi	/	
8				9.91. by 01.		1-2			30.24	74	73	73				8	1
10				I by W.	Q. 991.	1-2			30.26		/	/			Cum. min	9	
Noon.				Porth		1			30.27						cum.	8	-

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0 /	"
Longitude by D. R.	0 ,	"
Position at Noon: { Latitude by observations of ©	0 /	"
Longitude by chronometer from Forenoon Observations of ②	0 /	"
(Latitude by	0 ,	"
Position at 8 A. M. { Latitude by Longitude by	0 '	"
	0 '	"
Position at 8 P. M. Longitude by Longitude by	0 '	"
Current during the time, knots tenths per hour, setting to the		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 '	
Deviation of the Compass by Azimuth O observed at , "	0 /	"
Water expended during the preceding 24 hours,	500	gallons.
Water distilled, during the preceding 24 hours,	450	"
Water remaining on hand fit for use at Noon,	1500	"
Coal consumed during the preceding 24 hours,	tons 162	3 lbs.
Coal remaining on hand at Noon,	113 " 630	

. M.											
1	100	9.90	9.99.	1	30.27	76	76	75	b.c.	cum.	8
2		99. ly 9.		0-1	30.27						9-
3		. 0	99. ly 2.	1	30.27				-	aus. nint.	6
4		9.901.	FW.	0-1	30.27	76	75	75-		cum.	7
5		9. by 6.	Inth	0-1	30.26	74	75	74		cum mint.	6
6		Postly	9. ly 04.	0.1	30.28	74	75	74		",	3
7		9. ly 6.		0-1	30.30					"	4
8		Porth	,,	0-1	30.32	74	75	74			1
9		9. ly 6.		0-1	30.33	74	75	74			3
10		96. ly 6.		0-1	30.33	74	75	74		-	5
11		. 0	JUD.	0-1	30.32	74	75	74		cum,	6
Mid.				0-1	30.32	74	75	74		"	6

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. ... Light air to light breeze from \$104. vering to KAM. and calms. bloody with frequent presence vaiw chance.

Thom of to 8 a. M. Senerally clear. Eight been to light air from NO. Barmeter vising. at 6 o'clock wall lighter came alongs of and continuous to receive wal. Receives in Text of Supplies and acousted the following fiesh principus, 984 lbs meats, 79 lbs. brad 984 lbs. organistic. A Softman Consign a. S. M. A. Soniago a. S. M. Consign a. S. M. Consign a. S. M.

Dem 8 a. M. to Merid.

Clear and pleasant Light airs and breeze from NO. backing to 04 904. Craling about from coal lighter along wide; finished craling at nome, braving takin on broad 56/15 true Nelson Cral. The Captum of the Port of Madrin paid on official oriet to the ship. The Commanding Office left the ship at 1030 a. M. to attend special centric at the Cathedral or above in company with the lineucean Canal in Arm of the birth day of the Queur of Tortugal. Sout the apprentices before or likely.

Description of magazine 74-74- formand, 76-76-44.

From Print to 4 PM.

Sight aire from O. S. Ch. to I Ch. and calme. Dair and pleasant The boundaring Official returned the official week of the Captain of the Port, and paid an official with to the Sommer of the Island.

Switmant W.S. 91.

Dum & P. M. to Mid.

Light air fum & by M. vicing to N. W. and calme. Dair and pleasant. Bright stratight.

Or Reference The F. W. F. W.

Examined and found to be correct.

J. B. Me illow Lieutewark D. S. Navigaion.

Third Rate,

LOG of the UNITED STATES Ship Essex We anchor in the Harbor of Tunchal Madein

			Panding		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of	Forms of	Clear Jths.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass. Thisps head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Ser
A. M.				6 by 9.	Calny	0			30.20	71	70	69		l.c.	cum.	7	
2				6. 16.	N 94.	0-1			30.28	70	70	70			,	7	
3				16.		0-1			30.25	-69	70	70		"		7	
4				N. N.W.	NG.	1			30.22	69	69	69		"		Y	
5				,,	.,	1			30.22	69	69	69		"	.,	7	
6				,,		1			30.24	70	69	68				7	18
7						0-1			30.26	70	69	68			cir.cum		
8						0-1			30.28	71	70	69				8	
9				South	Calm	0			30.33	76	73	72				9	
10				904.	Q. 9 Q.	2.			30.35	74	74	73				8	
	1			9.901		2.3			30.35							8	
Noon.				96.	96. hy 9.	3			30.33					-		7	

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ©	0	,	"
	Longitude by chronometer from Forenoon Observations of ②	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	. 0	,	"
	(Latitude by	0	,	"
Position at 8 P. M.	Longitude by	0	,	"
Current during the	e time, knots tenths per hour, setting to the			
Deviation of the C	Compass by Azimuth © observed at , ship's head	0	1	
Deviation of the C	Compass by Azimuth ⊙ observed at , "	0	,	"
Water expended d	uring the preceding 24 hours,	50	0	gallons.
Water	during the preceding 24 hours,	100		"
Water remaining of	on hand fit for use at Noon,	10	00	"
Coal consumed dur	ring the preceding 24 hours,	tons 9	90	lbs.
Coal remaining on	hand at Noon,	tons 9	60	
		, ,		

P. M.									
1	Ily E.	9.99.	0-1	30.30 77	78	78	b.c.	eir.cum	6
2	9. 99.	CH. by N.	1	30.30 77					8
3	901. h, 121.	94. FU.	1	30.30 79	80	79			8
4	8 ly 124.	balm.	0	30.31 79				cum.	8
5	1	F94.	1	30.30 77	79	79			9
6	901.	(V. F.V.	1	30.30 75	76	76			9
7	901. ly 9	,	1	30.30 75					9
8	9. 9ed.	Calm	0	30.30 74			b.	none	10
9	E. ly 9.		0	30.31 73	73	72	b.w.		10
10	East	North	0-1	30.32 73					10
11	6.16.		0-1	30.33 72	72	71			10
Mid.	East		0-1	30.32 72	72	71			10
			1						

under the command of

Commander Louis Kingsley Satuday, September 29

, U. S. Navy, , 18 94.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to H a. M. Elean. Colum. Occassinal light airs from N M and No.

Til Guiteraut Ch. J. M.

From 4 to 8 a. M. .

Clear and warm. Fight airs from NE Baronets vising shooly Received for selve to crew in Death of Implies and accounts 79 lb. bread 98% lb. hef and 98% lbs of registables. By order of Eminanding Official placed J. & Karlen (Sea) in cell for eafs keeping he bring drunk on brands ship and placed Thomas Stephine (Sea) in single sions for eafs keeping and to restrain him from wolving he king out of him mind.

W. D. Caferton

From 8 a. M. to Merid.

Calow fiel how, then light to gettle breeze bouling from M. 99. to 96 by 9 Fair and phasons. The following named apparticle returned each 16 hours ortitude: Oh & Finly: A Lindshug; and Oh. F. Probat. J. & Beans notwind 17 hours notione Challe Griffin Gra) reported the expectation of his terms of substituted. Pengantine of magazine 75: 75: forward 76: 76: aft.

Linterval 90. 8 9.

From Preist to 4 (49).

Stear Calm. Occasional light air from I IV. to Dr. by A. The following men returned on braid writtine, org.: J. B. Saw (69), J. Lian (Fie), C. B. Clementen (Ca), and I'm Mixelly (B. M. 20) each 14 hour and William Joshyn (B. M. 20) 212 words.

Dem 4 to 8 O.M. Light air from FO. and O. FO., and calme. Eleav and pleasant. accord on lorand in Equipolant Steps. from short lights 2.500 gallow of water. Fuch on chors to the bluef of Police an offer of a several of Frie dollars 5.00 for the saved and deliny on board of Each of the following wanter new: - First (B.M. Ic) and J. Energew (Oler). Accorde an official ories from the Sportson Feertary estimating that of restricting model by the Commanding Officer.
J. M. Saaly (Rach.) and O. F. Murchy (Lds) returned by How writing.

Dem & P.M. to Mil. .

- Lean Falling down Occassional light air from North & M. Nord B. M. 10. returned on brank of hums and 53 minutes various.

- HP . 11

Leuteward D. S. R.

Examined and found to be correct.

Suitewall & & Navigator.

LOG of the UNITED STATES Phip Essex an anchor in the Harbor of Funchal, Madeira

-				Reading		WIND.				BAROMI	ETER.	TEME	PERAT	URE.	State of	Forms of	Clear Oths.	ie Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Waternt Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
	A. M.				G. √G.	A %.	0-/			30.30	71	71	72		bc.	cum.	9	
	2					"	0-1			30.30	70	70	71		"	"	9	
	3			23	E. ly 9.		0-1			30.27	70	70	71		b.	none	10	
	5				6.96	South	0-1			30.26		1			la.	cir.cum		
-	6				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		6-1			30.26	71	69	67		b.c.		9	
-	8			28.1		Calm	0 0			30.26							9	
1	9	6	7	34.7	W. & W. /2 W.	6.96.	0-4		0	30.33	1				i		9	
	11 Noon.	7 8	3 5	42.0		\$6. by 6.	4	0		30.33		1		100	· ·	mant.	10	
																		1

22. 5 Distance muse by Fg Departure by Beauting Course and distance made good since proceeding notes by absorvations,	
Course and distance made good since preceding noon by observations,	25 knots. tenths.
(Latitude by D. R. Bearings	32 ° 24' N."
Longitude by D.R. Beaungo	17 0 15 04. "
Position at Noon: Latitude by observations of O	0 ' "
Longitude by chronometer from Forenoon Observations of O	0 / //
(Latitude by	0 / "
Position at 8 A. M. Longitude by Longitude by	0 / "
(Latitude by D. R. Low Mirror	32°02' N."
Position at 8 P. M. {Latitude by D. R. June Now Longitude by Chemometer June afternoon observations 0	17 0 46 9. "
Current during the time, knots tenths per hour, setting to the	,
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth O observed at , "	0 / "
Water expended during the preceding 24 hours,	400 gallons.
Water received during the preceding 24 hours,	2000 "
Water remaining on hand fit for use at Noon,	2600 "
Coal consumed during the preceding 24 hours,	3 tons /300 lbs.
Coal remaining on hand at Noon,	165" 1680 "

P. M.	,,	-	58.8	04.904:12.04	6.96.	14	2	-	36.32	4/	7~	7.3	7.1	b.c.	cir.strat.	9	9
1 2	8		64.6	(4.5 24.12 84.	. 6.76.	4	2		30.33						cor.euror.	9	
3		1			6. h, 8	4	2		30.31		,					9	
4	4		73.7		0.090.	4	2		30.29							9	
	3		77.6		6.16.	3	2		30.27							8	
6	3	3	80.9	,		3	2	0	30.26	75	77	74	75			8	
7	2	3	83.2			2	2	0	30.25	75	75	72	75	,		8	
8	2		84.9			2	0		30.27						-	8	
9			86.6	*	6. by N.	2	0							b.c.w.		8	
10	2		88.2			2	0		30.24	/	,	/	/		cum.	8	
11			90.6		6. 9 6.	3	0		30.23							8	
Mid.	0	20	93.0			3	0	0	30.24	74	10	1'	14			0	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. blear and bright starlight They light airs from the N.M. Barometer falling slightly. Moderate sixel from the S.M. Fenne R. Evans, JEurge R Traus Dion 4 to 8 a. M. Light air from North and calms. blear and war far Inegar order who brought Light air from North and calms. blear and war far his on brank by the Oblice 20 hours writing and is reward of Fin dollars (500) was paid for his deliny on braid Eined topgallant and well yelds at 7.00 hade preparations for sea Received on braid in Pay Dept. 984 lbs feeld meat, 984 lbs negetables, and 99 lbs of bread Draught of alup forward 14 feet, 3 suches forward, 16 feet, 5 is inches aft. That of five under bollow 4 and Bat 400. Oum 8 a. M. to Merid blear balow, followed by moderate beeze from E. GE. and FE. by E. when underway and clear of le of the land. At 8.48 called all hands up anchor. At 9 o clock started should under steam, boiler A. B. and D. At 9.08 put on patent log registering 28 knots, At 9.18 took departure Los Rock Dangtaff No 14 E. (pc.) dictant is mile, This head OF TO 1 W. (pc.) on the course Patent log at their time 28.86ts a) 9.30 mode all said (all bands), to anyale except for and main topmast stangalle, manical mud gaff topsail. Under this said at end of witch with straw in the brilers. Seculed both brow anchor for sea. al Moon left tangent Chadrin Seland po. A. 20°E, ship on her concer and Frankel dead astern Flearn present 55 lb. always worlding 45. apprentices at the whall Commanding Officer held Direct Serve. By who of & museding Officer released from confinement J. F. Kallow (Sea.) Democrature of magazine 75 "75" forward, 76 - 76 aft. Dino wather Moderate been from E. J.E. and E. by S. Very moderate are and quite awall from the Eastward. Baroneter falling elightly On course R. I Ph. V. Under all glaim each to royale stropped fring on bother of and D. at 12.16 and bellowed fries to die not. Propped stranging at 140 and encoupled perfolder. Barked fries under bother B. Ancago attan presence 50 lbs. Acrosy munity of turne 39.5, for 1 mm 40 minutes. At alms 1.50 act main topmass staysail and gaff topsail. Appendicional the solvel. That destiling at 30 clark. From Meind to 4 4.9m Lieutenant U.S. W. Crow 4 to 8 P. M Generally clear and spleasant. Sentle to light been from ENE. At 4.36 haulest door main and miggur topombet stayeally flying jit, aparter and gaff topeail and hauled up mausail. At our of worth under agraw and to regul except manual, with jit on course & F. A. 1.24. Appreciation at which Sixtelling n. Il Colomas Guergw U. S. W. Orom 8 P.M. to Mid. Clear and damp. Wind light from E by to orining to E. F. Emin A. F. D. Ge. 21 10.45 at atailoud clear of manifel and mixture total the Ch. 11.15 atopped distilling and low banked fine indu biles B. At end of weter align under major topmant staypail and all plain bail to regale except fapage jet, weather clear of manifel and apprehim Experiments at the whole. W.B. Caperton Upproved Louis Therefore, Comids U. D. Comidg. Be Lieutewant QU & De

J. B. Mo ellow, Scinteraut O SM Navigator.

4-265

Third Rate,

LOG of the UNITED STATES Thip Essex Making passage from Funchal, Madeira to Yorktown, Va. COURSES STEERED by Standard Compass. 6. 96. 04.901.12 94. 0 30.25 73 72 71 74 96.7 3 none 2 7 0 30.25 73 72 71 74 2 99.3 3 2 3 0 30.2473 72 71 74 1.8 cum. 8 3 0 30.23 73 72 71 74 3.4 9 0 30.23 73 72 71 74 3 2 4.5 9 2 0 30.20 74 73 72 74 2.3 6.1 East. b.c. 2-3 8 0 30.20 74 73 72 74 7.2 2-3 2 0 30.23 74 73 72 74 2 7.9 2 0 30.24 75 74 72 76 cir.cum. 8 8 0 30.26 76 75 72 75 1-2 2 9.1 5 0-1 2 0 30.26 78 76 73 75 11 0 30.26 78 77 73 75 8 0-1 2 9.1

71.0 Distance		
Course and distance	e made good since preceding noon by observations, FU. & W.	69 knots. tenths.
	Latitude by D. R.	31 °40' A. "
Position at Noon:	Longitude by D. R.	18 ° 20 'Or. "
Position at Noon:	Latitude by observations of ②	31 ° 45' N. "
	Longitude by chronometer from Forenoon Observations of ②	18 ° 22' %. "
Desition at 9 A M	Latitude by D. R. Jum Norm (Longitude by Observations 0	31 ° 48' St. "
Position at a A. M.	Longitude by Assurations 0	18° 18'%."
Docition at 8 P M	Latitude by D. R. Low Now/ Longitude by Chemical Jeon afternoon observations of temporal to the N. N. Ch. 19	31 0 39 1 1. "
rosition at or. at.	Longitude by Chronometer from afternoon observationing	18° 33'%."
Current during the	time, 5 knots tenths per hour, setting to the A. M. W. 7	2 W.
Deviation of the Co	ompass by Azimuth O observed at 80.%, ship's head W. F.W. 1/40	1. 18° 29' W.
Deviation of the C	ompass by Azimuth O observed at & Q.W.; "	2 ° 57 ' %. " Vas. used 183 50 %.
Water expended du	aring the preceding 24 hours,	400 gallons.
Water distiller	d during the preceding 24 hours,	500 "
Water remaining o	n hand fit for use at Noon,	2700 "
Coal consumed dur	ing the preceding 24 hours,	/ tons 2,55 lbs.
Coal remaining on	hand at Noon,	164" 1365 '

							T			1								-
P.	M.	0	2		9.991/291													
	1	0	3	9.1	04.994:1+04.	6.16.	11	Roll	0	30.25	78	77	73	75	f.c.	eir. cum	7	9
	2	0	5	9.1			1		0	30.23	74	76	72	75	"		7	
	3	0	5-	9.1			1			36.22							8	-
	4	0	5	9.2		,,	1	20-15		30.22	,		/	'			9	
	5	1	4	9.5			1			30. 22		,		,			9	L.
	6	,	6	10.3			1			30.22							9	
	7	2	2	11.5		16. ly 1.	1-2			30.22						-	8	
1	8	2	3	13.0		. 1				30. 22						-	8	
	9	1	9	14.3		Sorth	1	0		30.22							8	-
1	0	1	5	15.0			1	0							b.c.w.	cir. strak	9	
1	1	1	5	15.4	"	1.16	1	0		30.20 7							9	
M	id.	1	5	15.9	- 1		1	0		30.20							9	
				-								'	'	1				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

General sea. On come O. & O. 1. 2 th. per Standard, under migres topolas starlight Geny heavy dev. I worth sea. On come O. & O. 1. 2 th. per Standard, under migres topolas stargail and plane pail to wyals, except flying jet, wrather claw of maineail and aparter. This banked under boiler B. application at the writer. Midnight to 4 U.M

From 4 to 8 Q. M. Elean Falling dew first part Light to gutte been from 6.86 to Each Course. ON . I Ch (pc) at 6 och started divilling. Elushed bilger. at 9.50 set food studing sail. We end of watch under same sail as in proving witch with studing sail agreement at the while

Our 8 a. On. to Merid Time wrather Very light Easterly airs. Fleady barmeter I morth sea Ou course & It /2 Oludou came cail as greating watel. At 9.30 mustud at quature boys mustuing according to their must station belief it period stational discourse at quature and fice quarter: 2 the period, mustured at stations for browing and fulling and them fulled earl; made earl og and sareph manical apprentices at the whele Distilling. Temperature of magazines 76° 76° 16° forward, 76° 26° Estato, Fingle O. 900.

From Meind to 4 J.M Dair Light aire from E. N.E. Bawoneter falling Boad instructions are follows: 1.30 to 2.15 Instruction Transcriptly Little watcher: 2.30 to 3.15 The watch grandy: U 3.30 watch on decknowled both chains Ist willing tackler on main yard. ON 2.15 atopyed distilling and allowed from to die who watch bits. B. ON 12.25 changed course for 90 14 14 Patent for reading 9.1 Or sud of watch reader square part to evelop manufact with fit on course by Intel All or this colling exceeded by to eville from N.E. Islands agree feature of charge prepared by Commander This solding against J. D. Vailen, France of the ship Commander of the ship Commande of this ship appurtices at the wheel.

X. Solaman. Energy Ol. J. W. Clear and pleasant. Light aire and berger from ENG. backing to NE. light. Consec. (9. 391/4 th (pe) at 5.40 took in pert lower studding pail and at 5.45 took in and fulled toggallant sails and regal, took enigh ref in topeall and set them for exercise and at 6.00 elook at refe and at topgallant earls and regal again. At end of watch chip on her conser under all plane sail to egals, except flying jib, manisail and spanker. Appuntice at the wheel.

Firm 8 P.M. to Mid.

Light airs from North and N. N. E. Clear inthe bright stackget and heavy dier.

Long will from No and Ed. at 8.20 set the flying jet, main and migged topmach staycails lee

cleur of maintails and sponter. For we appared at 11.55. At end of watch
on concer at 9 % 14 h, under plain sail to royals except wather see of maintail and apareter.

Caused a steamer standing to At and Ed. at 10.10. Appareties at the what.

Leitenant & & R.

Lieutewant Q. S. M.

Examined and found to be correct.

J. B. Me iller, Sieritewant Oh & M. Navigolor.

Third Rate,

LOG of the UNITED STATES Phip Essex (Making passage from Funchal, Madeira to Yorktown, Va.

		U		V	WIND.				BAROME	TER	TEM	PERA	TUDE			ar.	S. C.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.				Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	18	9 4	16.6	ON . 9 ON : /4 ON.	J. E.	2.3	0	0	30.17	74	72	70	75	b.w.	nme	10	g.
2	,	7	17.8			2.3	0	0	30.16	73	72	70	75		,	10	
3	2	0	19.4		16. by N.	2.3	0	0	30.15			1	75			10	
4	2	5	22.0		7	3	0	0	30.14		1	. /	75			10	
5		0	24.9	"		3	0	0	30.16			69	75	-	eir. cum.	8	
6	3	0	27.9	,	9	3	0	0	30.18	1		69	75	b.c.	um strak	8	.,
7	2	5	30.5			2.3	0	0	30.18	74	73		75	,	.,	8	~
8	2	2	32.5		6.46.	2.3	0	0	30.18	1	/	1	75			7	
9	2	1	34.2	,		2	0	0	30. 22	/			/		cir.cum	9	
	2	0	35.8		NE. h 6.	2-3	0	0	30.22		1	70	'			9	
10	21	3	39.5		7	2-3	0	0	30.22	1	73	1	75			8	
11	2		39. 4			2.3	0	0	30.23	1	1	,	1		-	9	
Noon.	2		07. 4			~~		,	00.23	1	1	1.	10			1	

42. 6 Dietauce new by Log. Course and distance made good since preceding noon by observations, \$0.49 46 knots. tenths. 31 0 17 14. " Latitude by D. R. 18 ° 59 ' 04. " 31 ° 11 ' St. " Longitude by D. R. Position at Noon: Latitude by observations of O 18 ° 59 '04. " Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D. R. firm Sont 31 ° 17 ' N. " 18 ° 52 ' %. " Position at S. P. M. { Latitude by E. R. from 4 on/ Longitude by Chamber from afternown observation of Current during the time, 6 knots tenths per hour, setting to the Intelligence 30 °54 ' M. " 19024'94." , ship's head Deviation of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours, 4 00 gallons. during the preceding 24 hours, Water remaining on hand fit for use at Noon, 2300 -Coal consumed during the preceding 24 hours, tons 595 lbs. Coal remaining on hand at Noon, 164 " 770

																	1	
P. M.				01 40 10														
1	1	3	40.1	C4.991:1401. O4.991:1294.	16. by 6.	2.3	0	0	30.2/	77	75	71	75	b.c.	cum.	9	9	
2			43.4	,		2.3	0		30.21							8		
3	3	2	46.2		16.	3	0		30.20							8		
4	3	8	49.6			3	0		30.17							8		
5	3	8	62.9		J.NE.	3	0		30.20							7		
6	3	9	56.8			3	0		30.21							7		
	4		60.8	"	4	3.4	0		30.21							7		
8	4	2	64.9			3.4	0		30. 22						,	7		
	4		69.0	,	NG. by N.	3.4	0		30.25							4		
10			73.0	,	N.E. ly N.	3.4	0		30.27	,						6		
11	3	6	76.4		46.	3.4	0		30.28						-	6		
Mid.	3	5	79.7		16. h 6.	3.4	0		30. 28							6		
					1								'					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Blear. Deur. Sight to gently breeze from NE. and NE by N. Conce. Oh & Q. H. M. Oh. at 3, 15 pet main and misson topmark stayants and apparter, with this addition, under ease said as at end of pureling watch apprentice at the wheel.

Dies Change & O. Mr. to Merid.

Dies claw wrather Tight to gettle berge from E. N. E. by E. Baronete stady.

Wh 8.45 hauled down mugges topmark starbail and took is aparker. Un 9.30 set gibt know studding call, region foreail and barked up manual. To ad dille as follows: At 9.30 meetered and unspected call apprentise in Dimerical obtain At 10.30 pumped out before Thom 10.45 to 11.30 exercised apprentises of writed on deed at loosing and fulling for egal and in going alf. At end of water adult look look attaching early gib, flying gibt and all equal scale exlight maintail. In conce O. I. 14 C. Apprentise at the while Emperature of magazine 16.76. forward, 75.76. af. Cettal magazine flood find and found there in working ender.

Crow Precide to 4 (AM.

Chan and fine wrather Fight to guth breezes from N.E. backing to 1.E. Encer

Of IN 16 th (po) entitl 12.30 when it was changed to 89.7% 4. (po) At 3.45 took in part lower studding each 3.7d period, wratch on deep executed at fuling and loveing for eyel. 4 the period wratch in deep had instruction in general, 5.th period, several out clean hammerks. One steadure and one sail in right during wrotch. At und of watch under anne sail as at sund of preceding wrotch, lovely port lower studding each appendices at the wheel.

From 4 to 8 (99).

Sente to moderate being from I N. S. Frair and pleasant From the sea. Fet the main and muzico tropast stayants and lee clear of maintail at 4.20. Fort in studing sail at 5.45. At 5.50 called all hands and extracted at refing topicals From in light sails and enight topicals afterwards elected the refer and moder sail to regals. A chip in eight absorbed at und of watch, standing about F. F. D. We and of watch under main and migne topicals stayants and plain sail to regals, except wrather clear of maintail, appendices at the wheel.

Den & P. M. to Mid.

Secute want W. I.M.

Show See Sev. Sentle to moderate been from No. by N. to No. by E. Of 1140 hauled down

main topmast staysail. Ennes V. I & N. (pc). At end of watch under flying jet Get, for and migger

topmast staysails and all aguar pail, early wather lew of manual. Appendice at the which

Leutewant On S. W.

Examined and found to be correct.

J. B. Moilline, Lieutenest W. S. M. Navigator.

Thuid Rate,

Of the United States Phip Essex. The Making passage from Funchal, Madeira to Yorktown, Va. Direction by Standard Compass. 04.991/204. 8.c.w. 8 16.6 6 0 30.26 74 72 69 75 83.4 0 87.2 3 0 30.25 74 72 69 75 7

3 3 N 6. by N. 0 30.2474 72 6974 90.9 3 0 7 0 30.24 73 72 69 74 94.9 3 0 7 0 30.24 73 72 69 74 0 98.6 5 b.c. 3 0 30.24 74 73 70 74 0 1.8 0 30.24 74 73 70 74 3 0 8 49 8 3 0 0 30.25 74 73 70 74 3 0 7.4 0 30.28 74 73 74 75 8 2 3 0 10.1 0 30.28 74 74 70 75 8 3 13.6 3-4 0 30.28 75 74 70 75 0 17.0 8 0 30.28 75 75 70 75 20.5 0

85. 1 Distrace New by Patent bog.

Course and distance made good since preceding noon by observations, FON 12 W.

Latitude by D. R. Longitude by D. R.

Position at Noon: Latitude by observations of @

Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. Latitude by D. R. fund Norw
Longitude by observation O

Position at 8 P. M. { Latitude by S. D. from Norw Longitude by Cheremeter from afternow observation

Current during the time, 3 knots tenths per hour, setting to the N. N 6 14 6 Touration of the Compass by Azimuth O observed at 90, 90. ship's head Q. FO. 12 W. 17° 51 ' %

Deviation of the Compass by Azimuth O observed at 82.7. "

Water expended during the preceding 24 hours, during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

8/ knots. tenths.

30 019 th. "

20 0 17 194. " 30 0 22 'W.

20 015 10%. 30 ° 30 ' N. "

20 °03 '96. " 30 °03 ' d. "

20 042 104. "

2006'04. " Var. used 19º10'94 400 gallons.

1900

164 " 770

													1				
P. M.														100			
1	3	4	23.9	04. 9 94. /2 04.	16. by 1.	3	0	0	30.27	75	75	70	76	bc.	cir.cum.	8	S.
2	3	8	27.7		, 0	4	0	0	30.27	75	75	70	76	.,		7	
3	3	8	31.5			3-4	0	0	30.27	75	75	70	76	*		6	
4	4	0	35.5			3.4	0	0	30.27	77	74	70	76	"		8	
5	4	1	39.6			4	0	0	30.24	78	81	74	76			9	-
6	4	2	43.8			4	0		30.27						cum strat	8	
7	3	8	47.6		18.	3-4	0	0	30.28	75	74	70	76			8	
8	3	7	51.3		4	3.4	0	0	30.28	75	74	69	75			9	
9	8	5	54.8			3-4	Roll	0	30.28	75	74	70	75			9	
10	2	9	57.7			3		0	30. 28	75	74	70	75			8	
11	3	0	61. 1			3		0	30.28	75	74	70	75			7	
Mid.	1	5	62.4			2	20-15	0	30-27	75	74	70	75		-	6	
									1	'							
	-	topica:													-		-

Europe M. J. W.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a M. Bright starlight. Sentle to moderate breeze from botwer No. by E and No by S. Conce & 99. 1/2 . Under all plain sail to royale earlyst sparker and wrother class of marrieal, also migger topmast staypail. I mooth sea. apprentice at the while.

Drow 4 to 8 a. M. Elmy and pleasant. The ine 6 10. Morderate to quite been for N. E. by N. at 4:30 ast apartir and at 6:38 to 40 it in. At 8 o chero act ataloned love stillding sail. Natch elagand acculding banemacke. At each of watch or conce ON IN. In under jit flying jit starband lover studding sail miggin topmach straysail and all equal pail eacept watcher clear of manuail. Appunition at the whal

From 8 a. M. to Merid.

Ch I I h (pc) Scubbed hammeche and clother. Fing enrell from it is I sud of well, chip or corrected partie as at each of greeding watch. Appendice at the which Conquestion of magazine 762 762 found, 752 762 aft.

Demo Maid to 4 P.M. Scritte to moderate breeze from N.E. by N. Frain and placears. Sing will from N.M. On concer Ob. 90 1/2 M. under same sail as in preceding watch. Oh 130 a Funnary Court Materal of which Link J. B. Milton N. S. M. was Finin Mushor mal for the trail of J. F. Kulder, Graman charged with bring drunk or duty, and using proface and observe language the Court adjoined at 240, to awrite the action of the Rensing authority. Oppositions withouting appointment at the while.

Diem 4 to 8 P. Du. South to moderate bery from No. and No. by N. Conne Or 40 h by 1/20, at 4.15 with to quarter and there is a confidence of hands of the substantial and sails hands chortening and fulning light sails and single refing topeals their made sail again at 60 dece all hands drum and stund flying git and see wrather cleve of markeril. At end of watch what fingly jit and see wrather cleve of markeril. At end of watch what fing git and all equas sail. At 45 hand down mugger topemast staysail. Appendice in the what Fing swill from North.

Down & P. M. to Mich toulight. Bank of clude viewig to the Northwest and Orset. South falling to high buyer from the N. E. Petady barometer. Heavy surel from the N. N. M. Bonce N. P. M. Vude Law and as preceding watch. appendices at wheel.

George R. Evans. & Ensign & & M

Examined and found to be correct.

Sintenant Ch. S. M. Navigator.

Third Rate,

LOG of the UNITED STATES Ship Essler G Making passage from Funchal, Madeira, to Yorktown, Va.

			()	0 0						0							-
			Reading		WIND.				BAROMETE	ER.	TEMP	ERAT		State of	Forms of	Clear Oths.	ie Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Thin inches.	her.	Air, Dry Balb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Sea
A. M.	4,	70	64.1	Ol. 9.01. /2 OL.	N E. by E.	2	Roll	0	30.267	5	74	70	75	b.c.w.	cir.um.	5	٤
2	2	4	66.2	"	. 1	2			30.26 7		/			"		3	
3	3	0	69.2	"	,,	2-3		0	30.257	4	74	70	75	,	cir.cum	8	
4	2	8	71.5			3	21-18		30.257		/	1			cir eum.	6	
5	2	0	73.4	"	East	2.3			30.257			/		0	cum.	7	
6	1	0	74.2	"	"	2.3		0	30.257	4	74	70	75	t.c.	"	5	
7	0	8	74.5		4	2-3		0	30.267				75		,*	5	-
8	1	3	75.1			2-3		0	30.26 7	5	74	70	75		,	5	
9	0	6	75.3		.,	2		0	30.28 7	16	74	71	75		cum.nine	12	
10	4	0	79.3		1.16	4-5		0	30.257			- 1	75	b.c. q.p.	nimb.	1	
11	3	3	82.6		East	3		0	30.257		'	1	1	b.c.	cum nimb		
Noon.	2	8	85.2			2		0	30.23 7	75	74	71	76			3	1:

67. 2 Distance run by Log. 73 knots. Course and distance made good since preceding noon by observations, 99.1494 tenths. 29 0 40 1 1. " Latitude by D. R. 21 0 15 '96. " Longitude by D. R. Position at Noon: { Latitude by observations of O 29 0 35 ' 4. " 21019 19 19 " Longitude by chronometer from Forenoon Observations of @ Position at 8 A. M. { Latitude by D. R. from Norw
Longitude by observation 9 29 ° 42 'N. " 21009 101. " Position at 8 P. M. Latitude by D. B. Jems Now afternoon observation of Longitude by Chemometer from afternoon observation of 29 0 25 1 . " 21037 04. " Current during the time, 6 knots tenths per hour, setting to the 9% by 9. Deviation of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours, 400 gallons during the preceding 24 hours, 1500 Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons 850 lbs. 163 " 2160 . Coal remaining on hand at Noon,

P. M.							Roll										
1	1	5	85.7	Q1. 991.12 Q1.	6. by 1.	11.2	·ww	0	30.23	76	75	72	76	b.c.	cuw.	5	2
2	1		85.8		6. NE.	1-3			30.20							5	
3	1	6	86.8		16.	2.3			30.20		1				cum wint.	5	
4	1	7	87.3			2-3	20-17		30.20						4	5	-
5	4	0	91.3			2-3	- '	0	30.20	76	76	71	76		"	5	
6	2	0	93.3		16. by 1.	2-3		0	30.20	75	74	71	77	b.c.w.		6	-
7	2	0	95.2		., 0	3			30.22						-	6	-
8	2	5	97.7			3	19-16	0	30.22	75	74	71	77			5	
9	3	4	100.9		N & ly &.	3.4		0	30.21	74	72	70	76			7	
			4.1			3.4		0	30.21	74	72	70	76		cum.	4	
			6.9		16. by 11.	3			30.21					',		8	
Mid.	1	8	85		. "	3		0	30.20	74	72	69	76			9	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a lm. Packy cloudy and pleasant. Sight to gentle breze from N.E. by E. at end of watch under plaint sail to replie except aparties on once On Ha. B. M. Modulto swell from N.E. by E. Phip colling considerably. Apprentices at the while.

7. . C. Coloman Europe S. A.

From 8 a. M. to Merid . Light to gentle been from East, increasing to a stiff breeze in a vain equall from N. N. E. about 9.30 Reduced sail to the equall and afterwards made earl to rayale hauled i manisail hauled down head early and ext both lower studding early. At end of watch ne course \$1.981/281 under both student gave said the frain earl to regale early hade early maintain of which to the mountain and aparter motival of the case of the student maintain and aparter as a good plain early all hands to muster and read the friding and entitues of the Tummery built bracked in the case of J. F. Karlen Esa. Karlen was found guilty and entitued to be confined in solitary infurmed, in single room in break and water for fifteen days with full ration erry fifth day and plain duting and last of pay for fitteen days amountain to One dollaw and 50 cuts.

(8.12.53.) The finding and sentence were appointed by the boundaries of first the part referring to love of pay living refused to the Secretary of the Ray J. O. Balleen Esa, was infinited in accordance with the above cutting.

Exercised por watch of appointing and signale from 10.00 to 11.30. Unlaw flying jet for upasse appointing at the whale Perspectation of magazine 18.74° forward, 74.77° 47° 41. at the wheel comperative of magazine 78:77° forward, 77: 41. -18-6-

Lieutewant V. J. M. Our Meid to 4 P.M. Elean Dight aire to gently been from 6 by b. to NE. At 2.30 took in foot studding earl and set less clew of manual. Exercised starband watch of appendices at eigenfu and all appendicus were exercised and witnested in any and away. Emise & 90 1/2 b. At sud of watch under starband studding pail and all equal early except watcher clew of manual. Appendices at the which

Lieutenant U.S.a. Bum 4 to 8 P.M. Dair Fight to gentle brend from NE. and NE by A. Baronten viering eligitely Ling era from NE. This willing deeply at time. Conce & This W. Pluder same sail as preceding witch based took in stunisail of 5.10. It s. 5.5 refet manual with baye of forcastle and aftergrands the shook out reef.
Assumetices at the wheel. appentices at the wheel.

Jeorge Vicorus, & Eneign Q. S. N. Own 8 P. M. to Mid Darthy cloudy and pleasant. Sentle to moderate been from S.E. b.E. to M.E. by M. Barmeter steady at 8 to est job. at match under jit and equal earl to while eargh exactor cleur of marieall on course of I.D. 12th appendices at which Long era from M.E. Phis rolling emercessably

> n. J. Coleman Ensign U.S. W.

Examined and found to be correct.

J. B. Me illon, Linterwant at In Navigator.

LOG of the UNITED STATES

Thuid Rate,

of the United States Phip Essex Ph Making spassage from Funchal Madeira to Yorktown Va. A. M. 28 16. by 6. 6. by N. 3 Roll 0 30.15 74 73 69 76 Of. 991.1/2 04 10.7 0 30.13 74 73 69 76 6 12.3 2-3 6. 2, 9. 0 30.12 73 73 69 76 2 5 12.7 2 20-19 0 30. 12 73 72 68 76 13.0

2 0 30.12 73 72 68 76 13.1 2 0 30.14 73 72 68 76 6 13.1 96. by 9. 0 30. 15 74 73 68 76 1-2 13.1 0 30.16 74 73 69 76 Calm No steeragewa 0 No steerageway 0 30.17 75 74 69 77 7 0 0 30.19 76 74 70 77 0 10 8 0 0 30.19 76 75 71 77 Pariable 0 30.18 76 76 71 77 Noon

39. 1 Distance run by Log.

Course and distance made good since preceding noon by observations, 5% 3/4 94

Latitude by D. R. Longitude by D. R.

Position at Noon: Latitude by observations of O

Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. Latitude by D. R. furn Strow Longitude by observation o

Position at 8 P. M. { Latitude by S. R. from None (Stewnorn observation 0

tenths per hour, setting to the A %. by %.

Current during the time, 3 knots Deviation of the Compass by Azimuth O observed at & Q.M., ship's head Ol. ly

Deviation of the Compass by Azimuth \odot observed at 80.9%, Water expended during the preceding 24 hours,

during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

40 knots.

29 .009 . 1. "

21 0 54 1 %. " 29 0 10 .1.

21 0 56 24.

29 0 10 1 1. "

21 0 56 9 " 29 0 11 . 1. "

21056.94. "

180 10, 0%

3 . 50 . W. " Var. used 18º 10' 9.

400 gallons.

1100

tons 5/0

163" 1650

P. M.																	
1		Ju	o steer	rageway	balm	0	0	0	30.14	77	76	71	77	b.c.	cum.	9	2.
2				0 1		0	0									6	
3					Variable .	0-1	0								cum suit	4	
4					Cheel.	0.1	0							b.o.d.	nich.	2	-
5	0	1		1.19.	2.901.	1	0		30.10							2	"
6	0	3		"		1.3	0		30.08							3	g
7	6	5-				1.3	0		30.08							2	
8						1-21	0		30.07						1.	2	
			13. 2	04.904.1204.	9. ly 9.	2	0								circum.	4	.,
10			21.8			2	0		30.12					0	cum mil	6	.,
	,		28.5		OL. 991.	2	0		30.10					b.c.	cir cum.	8	.,
			35.3			2	0		30.09							6	"
	1											1	'				

Rocark

Hereell

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a M. Eleav and five Light to gutte breezes from N. E. by E. warning to E. by S. Connec Or FON 12 Or (po) Lord curle from N. N. Or 130 hands up last clear of minimal at sold of waters whip on come under all plain sail to regals, except flying jet marrial and example. Appointment at wheel.

From 4 to 8 a. C. Light breek to light airs from E. by F. and FE. by F. until last down then calm. Fair and pleasant. Fing eville from N. N. W. Fet less cleur of manufail at 4.30. At 7.45 to the integrallant pails regals, might to present and loss cleur of manufail and brank down git to present chafe. At end of watch under foreall and for and main topicals with no sterraguray apprentices at the wheel.

Dean & A. M. to Presid.

Sleav Balm Fight variable are No eternagency. At 9.36 hauled up forceal Index togaste at each of watch. At 9.30 mustud at guarter. At 9.36 called Edan chip for action. Such down royal yards.

Burisms all exposed reads at 9.48. At 9.54 which to describe Erective. Sensine reported as follow. Powerd Condu Tinciam. Inimite. (A president of the Erective.) The minute. Surgetine Tinciam, a minute. (A president of the seconds.) A seconds. The minute. A president exercise. At 10.18 executed and of the 10.18 caused region yards. At 10.18 arms of minute. The seconds region of the follow. For mand I minute. 30 accords. The minute is the seconds. The minute is the seconds. (A seconds.) The minute is a seconds. The minute is the seconds. The minute is the seconds. The most of the seconds. The most of the seconds. The most of the seconds. The seconds of the seconds. The seconds of the seconds of the seconds. The seconds of the seconds of the seconds. The seconds of the seconds of the seconds.

From News. to 4 P.M.

Sair fiet part cloudy latter part Passing chown last how balus most of watch Light wanted are latter part. Baimster falling cloudy Teved on small atom and clothing. At 3.30 houtest for togenest staypail At 3.50 started to fine mainsail and put etaming corn on apprehenced at which for togenest staypail At 3.50 started to fine mainsail and put etaming corn on apprehenced at which form to togenest to the fine mainsail and put etaming corn on apprehenced at which the same is a Comment of the same of the same is a considerable of the same of the s

Findly Cloudy Passing beaugh banks of clouds. Sight to gentle beeze from V. F. Baroneter falling. At 40 closes started fries in boilers of B. and D. Bouted anothe starts, field manifeld and gib main your cons m. At 5.50 called all hands find each faced full each all each except for top mach stay and appendix. At and of watch heading & b. E. without attenagency. Come V. F. V. L. appendixed a wheel.

Denn 8 P.M. to mide.

Series no new squall from M. A M. about 9.30. Mind light from M. by 9. and O. 9 M. ind light from M. by 9. and O. 9 M. No steerngenry to 8.35 Lones M. 9 M. by 1. by 2.35 hould down jet and took in apauller and stated ateaning under biles A. B. and D. At 8.40 longht ship on her course patent by rading 13.20 miles . 90 mm set at 10.18 At end of watch under ateam alove. Expounties at the whele army stead 55 lbs. Cutago revolutions 43.

Examined and found to be correct.

J. B. Moiller, Lieuteurst D. J. R. Navigator.

Ing Lieutewant U. & OK.

LOG of the UNITED STATES

Thip Essex

Third Rate,

Making passage from Funchal, Madeine to Yorktown, Va Q & 9 Q. cum nimb. 4 8 2 42.1 0 30.07 75 75 70 77 0 70 nint. 2-3 0 0 30.04 75 75 70 76 2 48.6 6 Of est 3 0 30.04 75 75 69 76 0 0 3 54.9 1.94. 0 30.02 72 70 68 76 8.0. 10.9.9. 1 5.3 6 61.5 0 19. by N. 0 30.01 72 70 68 76 b.e 3-4 3 3 5 69.0 eir. 4 0 30.02 72 70 68 76 4 77.1 0 30.04 74 72 70 76 5 5 8 84.9 cir. iun 4 5 0 30.06 74 72 70 76 1 93.0 8 0 30.10 75 71 67 76 5 4 5 100.0 Sorth 7 D 5 6 0 30.10 75 73 68 76 4 .5 5.5 10 M N. by 94. 4 5 0 30.10 75 73 68 76 6 5 10.0 11 D 5 1.191. 4 5 1/2 30.09 75 74 68 76 Noon. 5 15.0 104 4 Distance run by Log.

Course and distance made good since preceding noon by observations, \$\mathcal{G}\mathcal{L}_1\mathcal{L}_2\mathcal{Q}_1\mathcal{L}_2\mathcal{Q}_1\mathcal{L}_2\mathcal{Q}_1\mathcal{L}_2\mathcal{Q}_1\mathcal{L}_2\mathcal{Q}_1\mathcal{L}_2\mathcal{Q}_1\mathcal{L}_2\mathcal{Q}_1\mathcal{L}_2\mathcal{Q}_1\mathcal{L}_2\mathcal{Q}_1\mathcal{L}_2\mathcal{Q}_1\mathcal{L}_1\mathcal{L}_2\mathcal{Q}_1\mathcal{L}_2\mathcal{Q}_1\mathcal{L}_1\mathcal{L}_2\mathcal{Q}_1\mathcal{L}_1\mathcal{L}_2\mathcal{Q}_1\mathcal{L}_1\mathcal{L}_2\mathcal{L}_1\mathcal{L}_1\mathcal{L}_2\mathcal{L}_1\mathcal{L}_1\mathcal{L}_2\mathcal{L}_1\mathcal{L}_1\mathcal{L}_2\mathcal{L}_1\mathcal{L}_1\mathcal{L}_1\mathcal{L}_2\mathcal{L}_1\ma

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

10 4 knots. tenths.

28 ° 07 ' N. "

23 ° 28 ' D. "

28 ° 04 ' N. "

28 ° 04 ' N. "

28 ° 18 ' N. "

23 ° 08 ' D. "

27 ° 30 ' N. "

23 ° 51 ' D. "

46.

20 ° 31 ' D. "

350 gallons.

50 "

lbs.

9 tons 200 154"/450

P. M.																	
	3 2	0,	18-0	9 94.12 94.	N. by 94.	5	5	1/2	30.09	75	74	68	76	b.c.	cir.cum	4	Ow.
2	5		25.9	991. ly 91. 1201.	"	5			30.10						muit.		
3	4	5-	30.4	04.804.1204.	A by 94.	4-5	5		30.09						cir. cum	4	
4	5	3	35.7	991. ly 04:14 04.	A Oh. by N.	5	5	1	30.09	76	75	69	76			5	
5	5			99. 6 2 12 W.		5	5								cum unit	4	
6	5	5	46.5			5	5-							b.c.	4	3	
		2	51.7	991. ly 04. 3/4 94.	A. A. O.	5	5		30.08							4	
8			56.6	91.901.12 W.	Aly O.	5.7	6							b.c. p.g.		2	
9		5		91. ly 9.	1.	5	5	1/4	30.12	74	73	69	76	b.c.91.	4	3	
10	3	8	64.4			4	5		30.14							4	
			67.8			3-6	5		30.12							2	
Mid.	3	0	70.8		-	3	5	./4	30./0	73	72	69	76	b.c.		8	
										'		'	'				

, U. S. Navy,

, 18 94.

HSPurell.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Dight to quette been from Ch. 9 Ch. and Obest, increasing and blowing in stiff name equals from & Ch. last down. Blondy with rain last down I morth hear Ander atlant alm using brillies of B. and D., no come Ch. F. Ch. yew Itandard. arrange ateam 50 lbs; revolutions +2. apprentices at the wheel.

From 4 to 8 a. M. Sindy to clear. Sentle to moderate breeze from A. O. by A. to A. by B. At + 30 cet jet and stayoule and epanker. At 70 clerk made plain sail to toppellant vails early maissail and missis tofferails and fluster their sails with stayoule at end of water. Concer Or I h/2 G. (pc) Steaming. At 7.40 Commanding Officer gas orders to allow free to die mt under bolors A and S. Avage steam present 55 lbs. Revolution 46 2. Appendice at the wheel.

From 8 a. M. to Merid.

Frair. Moderate beege from between North and N. 18. Barometer felling slightly at end of watch. Products see from the Northward. Ou cour & 98 h. 18. Class branch at end of watch. And east seems and at preciding watch, with addition one: At alms 900 refed mainiail and all it; all flying get and gaff topsail at about 1000; correct engal yards and set the engals. Stopped teaming and week about 8.53. Eleaning chip. Appendicion at which arrange muches of worldtonic 377 arrangements of the Societaling with five backed weeks before B. Desuperation of magazine 76°77° forward.

From Meint. to 4 P.M. Gathy cludy and pleasant. Stiff brew from N. by & to N. & neign On In force and direction. Baronth ranally all 115 took in 94f topeal. At 2.00 took in royals and flying jet. It so clock ask rayels and flying jet. At end of watch under plain will to royals and all toposist stay allo fleading Fol. by & 1. & Come ON FON 12 & apprentice at which allowed appreciate their bage for courning and mending. Distribution.

Crow 4 to 8 P.M. Shady with a passing equal from N.M. at 7.15. Field to free beess from I B. y.M., rescuing to A y D., by and of water Salve and of your D. by S. (p.) A 5.45 hauled draw filming jib and took his and fueld wyste; took in toggallant vaile and not weft in topsails, after which shows not respect and ast toggallant vale took in topsails and hauled down many and mysim tognoses traypails to a aqual from N.D. A 7.40 brought alip on her cover and broaded main and milyon tognoses traypails. At end of water ship or menes under for, main and myzon tognoses tognosely after salve stonger tognoses and apparter. Apparetice at the wheel. Distilling with five bruish when bries B.

Demo 8 P. M to Mid.

Chaid from A by M. variable in force, blowing in aqually during part of watch bloody and uncittled from thus how black the bloody and uncittled from the house bloody as Jork in main and migger transfer stayouile to a equall at 10.00 and at them at 10.50 at and of watch or conver I by I, per Tandand under jet all stayouile, spanker foresit travaile rude single cufed on anisail. appendix at the what Distilling Examined and town to correct with fair bracked under the 13. Others at 11.10.

J. B. M. It Dentenant On & On Scutterant On Son, Navigator.

Third Rate,

LOG of the UNITED STATES Phip Essex C Making passage from Funchal Madeine to Yorktrum Va.

			- 1	//	11 0						-4							-
-				Reading		WIND.				BAROME	TER.	TEMI			State of	Forms of	Clear Oths.	he Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sec
	A. M.	56 3	5-1	73.9	ON. FOX.3/4 OV.	N by 94.	3.4	5	0	30.12	74	72	69	76	b.c.	cum min	. 8	M.
	2	4	3	78.2	9. 901.1404.	St. Nº 94.	3-5	6	0	30.12	75	72	69	76	b.c.g.		6	"
1	3	4	5	82.7			3-5	5	0	30.12	75	72	69	76	"		8	"
	4	5	2	87.9	(24. 901.3/4 24.	N by W.	3-5		0	30.13			68	76	"		7	
	5	. 4	7	92.7	9 91.12 94.	A 9. Ly W.	3-5	2.8		30.13			68	76	" .		4	-
	6	4	5	97.2	M. 901. 3/4 W.	N.N. W.	3-5	5.8	1	30.14	74	72	69	76		-	4	"
1	7	4	6	- 1-8	9. 901. /2 04.		3-5	5-8	1	30.14	74	72	69	76		ciri sum	4	"
-	8	5	9	7.7			3-5	2-8	1	30.16	74	72	69	76		cum.	5	
	9	5	3	13.0	M. by 9.		5	5.8	1	30.16	75	74	68	76	"	-	4	2.
	10	5	5	18.5	Q1. 8 91. 3/4 W.		4	5.8	1/2	30.18	75	74	68	76	be.		1	
	11	4	6	23.1	94. 991. 1294.		4	5.8	1	30.18	75	74	68	76			6	
	Noon.	4	0	27.0			4	5.8	1	30.18	75	74	68	77			4	

112 2 Dieteur new by Log

Course and distance made good since preceding noon by observations, 90%. 3/49.

Latitude by D. R.

Longitude by D. R. Position at Noon: { Latitude by observations of ⊙

Longitude by chronometer from Forenoon Observations of ②

Position at 8 A. M. { Latitude by D. R. from Arm/ Longitude by Phewriting O

Position at 8 P. M. {Latitude by S. N. from Nord

Longitude by Language from Officered Obstruction of

Current during the time, 3 knots tenths per-hour, setting to the Fl. 6 6.

Possition Deviation of the Compass by Azimuth O observed at \$70.00. ship's head 01. 2.4.

Deviation of the Compass by Azimuth O observed at 8 0.9%,

Water expended during the preceding 24 hours,

during the preceding 24 hours, Water distilled

Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

112.	knots.	tenths.

26 ° 40' N. "

240 45194. " 26 037 '4. "

240 44 94. "

26° 51 ' M. " 24° 29'04. "

26°05' St.

250 09'8. "

18002'04.

2 0 42' Ch. " Car. used 19 200 % 4 00 gallons.

919

1319

/ tons 5/10

152" 2180

P. M.																	
1	4	0	30.8	04.904.	N. N. 94.	4	5.7	3/4	30.16	75	74	67	77	b.c.	eum.	5	ک
2	4	5	35.3		., .	4	5		30.15							7	-
3	4	3	39.6	99. ly 9. /2 94.	N. W. by A.	4	5		30.15							7	
4	4	4	43.9		. "	4	5	3/4	30.15	77	46	69	77			7	
5	5	0	48.9	901. ly 01:14 94.	,,	4	5	./4	30.16	76	76	69	77		civ.eum.	8	
6	5	3	54.2	901. ly 21.		4	5	1/4	30.16	76	75	69	77			8	
7	5	3	59.5	PON. 3/4 W.		4	5		30.18							9	-
8	5	5	64.7	991. ly 01:14 01.		4	5		30.19							8	
9	4	8	69.5	901.1204.	104.	4	5	14	30. 22	76	74	70	77	.,	eim.	6	
10	4	7	74.2			4	5	1/4	30. 22	76	74	70	77		"	6	
11	4	8	79.0			4	5 5	1/4	36.24	76	75	70	76			6	
Mid.	4 2 2	4	84.2	04.12 9.	Sorth	3.7	4	140	30.20	75	74	71	76	b.c.91.	oun unit	. 4	
						1				-				U			
-	57	8	-				-	-	***********	-			-			-	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. blear. Squally . Gentle to moderate breeze from A by M. and N. N. M. bluning stiff in equalis . Comes M. by I (p.c.) Under same sail as in preseding watch . appentice as the wheel Distilling.

From 4 to 8 a. M.

Castrally closed find part with equally appearance cleaning comewhat latter part.

Baronter rising. Moderate are few about N. A. Sente to stiff heard from N. M. M. to N. M. Come.

Ch by T. By the wind on starboard tack, under all starpards fit for and main topsaile, spanker at

7.38 set topgallant parts. At each of water a bary full rigger ship on an wrather fram under

all each distant about five miles. Appendices at the whele. I satisfy.

Serge Nows.

From 8 a. Me to Merid

E Ousign W. J. W.

Garthy cloudy pleasant. Stiff to moderate been from N. N. Barometer rising elightly. This colling considerably to long eurly from Northward. at 90 clock set main typical and flying shopety. They willing considerably to English from I there are 19 occorded to the man tripcal and flying jit. Oh 10.40 at regels and gaft topical. Oh 3.30 meetind ever not quarters and head which direction, after which commonwhat officer historital chip and ever. Oh 10.20 called all header to meeter read volve and attribes for Formmuch of the Chay after which meeterd ever. Oh 10.20 regard bluck and Commanding Officer held Dinne Seind. Oh 11.30 alland appendic their lags. Oh end of watch under all plane said to regard except enigh ref in manual) all topmark stampally main tripcal and apply and gaff topics. I heading the Oh 10.8 tome of by I of Oh felt regard alup in regard a point or stathered bow, also to Forthward apprintice at the wheel Distilling with brusted file under bits 18. Comparative of magazines 79° 78° forward, 78° 97° aft. . I. Coleman

Ousign U. J. W. Our Meines. to + G.M. Dair to clear Moderate brever from N. N. V. and N. V. N. Of 12.30 changed concer fore Oh. & Oh. 1, Oh. (p.c.) to Oh. 1. S. (p.c.) One earls in slight standing to Fid. and O'd. At end of watch chiply the wind in starbard tack, under some sail as at end of preseding witch Distilling with banked files under boiler B. apprentices at the wheel.

Oran 4 to 8 4.M Product bruze from A & by A. steady in four and direction Fair and pleasant Bught mornlight last two bone at such of water a ship in eight on starboard have, standing to It and Obd. By the winds on starboard tack under all vail except the studening sail and migger topeal. Titilling with five basted under boiler B. appentice at the wheel.

R. C. Lieutewant O. J. W. Firm 8 P. M. to Mid. Clear Moralight. Gentle to moderate been from N. M. shifting at 11.25 in a very feel aguall to North. Some Mil G. (p.c.) At 11.25 took in main and migger topenast stayoule, refele and toppalbant sails, flying fit and geff topeail. We end of watch as concer under plain sail to topeail with single cuf in mainsail apprentice at the wheel song swell from North. Detilling.

Thereall Som

Examined and found to be correct.

J. B. Me iller, Junigator.

11

Noon 102

4 0 30.2

Third Rate,

OG of the UNITED STATES This Essex (Making passage from Tunchal, Madeira to Yorktown, Ja. Oh . ly 9. Oh . 12 9. Sorth b.c. q. cum mint 4 L. 88.0 4-5 6 0 30.20 75 74 72 76 0 0 30.20 75 74 71 76 6 92.7 4-5 5 7 5 0 30.17 75 74 71 76 96.8 0 30.17 74 74 71 76 100.5 12 30.17 74 74 72 76 3. 0 3 4 6 5.7 3 3 1/2 30.22 74 74 72 76 6 8.4 3.4 4 1/2 30.23 75 74 72 76 45 12.5 3.4 5 1/2 30.26 76 74 71 77 4 8 3 6 17.3 3.4 4 1/2 30.29 76 74 71 77 West A. NE. 18.5 10 3.4 4 1/2 30.30 76 74 71 77 26.3

1/2 30. 29 76 74 72 77

2. 3 Distance run by Patent bog.	
Course and distance made good since preceding noon by observations, FO 1/2 9.	/// knots. tenths.
(Latitude by D. R.	25 0 26 ' N. "
Longitude by D. R.	26002194."
Position at Noon: Latitude by observations of ⊙	25018 'N."
Longitude by chronometer from Forenoon Observations of ②	26005194."
(Latitude by D. R. from Norw	25°27' W. "
Position at 8 A. M. Latitude by D. R. from Norw Longitude by Obstitutions O	25048'01."
(Latitude by D. R. fum) None	25014 'N."
Position at 8 P. M. {Latitude by D. B. Jenn Norm Longitude by Garnowith Jan afternow observations o	26037 194."
Current during the time, 8 knots tenths per hour, setting to the Hy %, 3/	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth O observed at , "	0 / "
Water expended during the preceding 24 hours,	400 gallons.
Water distilled during the preceding 24 hours,	873 "
Water remaining on hand fit for use at Noon,	
Coal consumed during the preceding 24 hours,	1792 " 1 tons 905 lbs.
Coal remaining on hand at Noon,	151 " 1275 "

D M																	
1	2	3 6	32.5	Or est. 12 01.	N. N. E.	3	4	./4	30.29	76	75	73	77	b.c	cir. cum	8	£
		9	38.0			3	4	./4	30.26	76	75	73	77		cam.		
3	3	6	41.6			3	4	./1	30.25	76	75	74	77			9	
4	3	1	44.5		NE. by N.	3	4	1/4	30.24	76	75	74	77	"	cir eum.	8	
5	3	7	47.1		No.		3-4		30.25						cum.	7	
6	2	5	49.4			3	3-4	0	30.26	76	75	75	77			6	
7	2	3	51.7			3	4		30.25							5	
8	3	4	55.1		NE. by N.	3	4		30.26							5	.,
9	4	0	59.2		0		4		30.29		,					9	
10	4	1	63.4		,		4									8	-
			67.0			3	3							b.c. p.	cum with	3	
			71.6	,		4	3		30.32								
			1			'				,		1					

n. V. Coleman

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Dair and bright stailight I tiff moderating to gettle breve at end of watch few the North. Barokhtu falling alightly. Emiss a 12.1 m is last their home. There is for topsail topsails single neighb manifest and eparter in addition at 1.50 at main and muzic topsails stayeals and at 2.30 topsails again pails. Apprinter at the wheel Distilling.

Firm 4 to 8 a.M.

Orair. Gentle to moderate been firm I by E. Barmete view . Englisher will from North. Or 50 clock took in aparter. Al yo clock took in manical to give deaff in file room and ech all other sail early nuggin topsail. At end of witch under all sail early nuggin topsail and manical on come & 129. Appendices at the wheel. Distilling with five banked under bound 6.

Down 8 a. M. to Merid.

Clean and fine wrather South to moderate been from N by E. oring to N. N. E.

Come ON 12 8. (pc) until 9. 15 who it was changed to Orech (pc) patent by neating 18.5 miles. At 9.30

mustered at quarter. 1st period all the Director and intensities in reamanchip compacts and attening 2nd period the worten below had instruction in mailunespelle reamanchip. The Summie gauge engaged in ornhanding the record expluder of 4 B. D. Ormal No. 13. Varigation Director ornhanding the for topical type blocks. At 11. 45 took in spanler and raft topical and het migror topical. A self of write me her concernment for main and migror topicals topicals main tripail and all plain soil to repele except maineals and spanker. Distilling with banked five under brief B. Appuntice at the while by order of Laptain confined On. a. Brahnam (app 3.4) in doubte since for their days for welful discordance of modern to magazine 18.712 forward, 712 752 aft.

Sent here Sent hours from N. N.E. and N.E. by N. Fair and pleasant. Long entil from N. N.N.
By order of Commanding Officer changed concer at 12.35 to O. S. N. N. J. per Standard, patent leg reading 32.5. ON 100 est maintail rected) and apauter and took in migzen topsail Food in main tupsail at 320 to purm chafe. As end of witch under all stayable and plane sail to royale except at single ref in the manuail. Instructed the apprentices in orchanding and cleaning the 4 in O. F. deril cylinder. Turneris gang emptid cleaned and refelled record extender of Months Lin R. F. Nos. 42 and 4, (por write and quarter dech gum) Dietilling eith fire banked runder bother B. apprentice and the wheel

From 4 to 8 P.M.

Scientinant. A. F.M.

Scientinant. A. F.M.

aftergrander is recting foresic A to 40 took in aparthir. At end of watch under plain said to regate except aparther and migger topical Suight net in manifest. Comes & A. M. M. & C. D. Sistelling. appendiculation what.

Deem 8 P.M. to Mide

Dair Bright starlight and mornlight Guillo to moderate brezes from the NE by N. Baroneter.

rieing clowly at about 1000 dark mintre clouds passing our head from the NE accompanies by dry light appendix.

Examined and tound to be correct. Conser & N. D. D. Under lame pail as preading watch appendix at wheel Distilling

Seitenant W. F. Navigator.

LOG of the UNITED STATES

16.4

Third Rate,

OG of the UNITED STATES Phip Essex Making passage from Tunchal Madura to Yorktown, Va 4 3 0 30.33 75 74 73 77 Ot. A 94:12 04. cum strat. 7 76.6 5 0 8 . 3-4 3 0 30.32 75 75 74 77 80.1 3.4 3 0 30.30 75 75 74 77 3.4 3 0 30.28 75 74 74 77 83.4 9 .. 86.6 3-4 0 0 30.28 75 74 74 77 3 0 0 30.30 75 74 73 77 4 90.1 4 93.1 3-4 0 0 30.31 75 74 73 77 3 97.4 4 5 NE. by N. 3 3-4 0 0 30.31 75 74 73 77 0 102.4 5 NE. 4 Roll 0 30.36 75 75 73 77 5.9 4 0 30.35 76 75 73 77 6. 16. 9.5 3 0 30.35 77 75 70 77 6 12.7

4 20-18 0 30.33 77 76 70 77

89. O Dietaure new by Patent fry.	
Course and distance made good since preceding noon by observations, 2.5/8 9.	90 knots. tenths.
(Latitude by D. R.	25 007 ' M. "
Longitude by D. R.	27 0 43 1 94 "
Position at Noon: Latitude by observations of ②	25 001 1 1. "
Longitude by chronometer from Forenoon Observations of ⊙	27 049 '04. "
(Latitude by D. R. how) Nrw	25°03' M. "
Position at 8 A.M. (Latitude by D. R. from Now Longitude by Observations O	27 032 '01."
(Latitude by N. R. funs Arm)	24057' 1."
Position at 8 P. M. (Latitude by D. R. fine Arms (Afternoon Observation) 0	28 0 31 1 94."
Current during the time, 8 knots tenths per hour, setting to the \$9.44	9.
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , "	0 / 1/
Water expended during the preceding 24 hours,	400 gallons.
Water distilled during the preceding 24 hours,	864 "
Water remaining on hand fit for use at Noon,	22 56 "
Coal consumed during the preceding 24 hours,	/ tons 3/0 lbs.
Coal remaining on hand at Noon,	150" 965- "

16.

	1	T	-										1				
P. M.							Max							1	cir. cum.		
1	4	6	21.0	94. St 24. 1/2 24.	16.	4	Roll	0	30.35	77	76	70	78	b.c.	cir. eum.	7	£
2	5	0	26.0						30.86							7	-
			31. 1			4		0	30.35	76	75	70	78		cir. cum.	4	
			35.8			3-4	26.20	0	30.34	76	75	70	78	b.o.p.	ministration		
			40.3			3.4	3-5	0	30.32	76	75	70	78	b.c.	cum sint.	2	
			44.9		16. by 6.	3-4	3-5	0	30.32	76	75	70	77		Civ, cum.	3	
			50.5		. 1	5	3-5	0	30. 32	76	74	69	77	,	cum.	5	-
			54.9			3.4	3-5	0	30.32	76	74	70	77		cum strat	4	
			59.1		6.116.										cum mint	3	-
			64.6		,	4-5	-3-5	0	30.30	76	75	70	77	6.0.pg.	nint.	1	
			68.9	"	6. N.E. to N.E. by N.												-
			75.0		6. NE.										cum.		"
Jild.			1						1			'	1	,			

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Buight starlight passing heavy banks of clouds. Moon set at 120 Sentle to modulate 46. bretze Banketen falling shorty. At 2.50 took in royals on account of signally apprenauce of interpretation set them again at 3.10. At each of writch under plaint said to royals sacept spanker and single raf in maintail on come & 18 %. If Appendices at wheel. Distilling with banked find under liner B.

N. J. Coloman

From 4 to 8 a.M. Energy ON F. ON Landy but pleasant. South to moderate heezer from NE backing to NE by N. At 7 so set spanker. Concre Of NO 12 Of (p.c.) At such of white ship on his couler under all topmach stayoutle and all plains sail except a single neef in the manisal. Imag everle from N. N. O. Detilling with five backed under bries B. Appenticis at the wheel.

Provide the Cherid Cherical Control of the Control of the Control of the Cherican Cherical Cherican Ch

Demi News. to 4 (In. Secretary 1894).

Show the Condy and light passing chance award brigor last hour Scribe to module.

Large from N. E. a. 43 , 44 as might transact transact, with this raddition, under same sail as in preciding witch. Lurus and of the Chile apprentice sugared in morting ground and expering was erge. I music gaing withouth training grow of law moments of the wall.

Dies 4 to 8 P.M.

Dair, clouding up at intervale Gentle to moderate breeze from the NE. Stiff equal from same direction at about 6 20. At 5.45 took in studding each and then engle reflect topeacle show ut refle and made each again. At 6-20 took in royale to a passing equal then set then again. Ou course & N. & 1.24, under same said so preceding writes except at 6.00 which its appendicts at wheel Distilling.

Dame of an to Dist.

Examined and found to be correct.

J. B. Millow, Sieutenauk & F. W. Navigator.

Third Rate,

LOG of the UNITED STATES Thip Essex (Making passage from Funchal Madeira to Yorktown, Va.

of COURSES STEERED	te of Veather, ymbols.	Prop. of Clear Sky, in 10ths. State of the Sea
Patent by Standard Compass. Direction by Standard 6 . E Height Ther. Gal be 5.5 by	Venther, Clouds, by symbols.	Prop. of Sky, in 1 State of t
A.M. 6/ 0 81.6 Ch M. 9. 1/2 Ch 6. M. E. 5-6 5 0 30.30 76 74 69 78 1	r.e. cum wind	8 9h.
2 6 5 88.0 . 5.6 5 0 30.32 76 74 69 78	, ,	7 "
3 5 6 93.3 5 4 0 30.32 75 74 69 78		7 -
4 5 0 98.0 6. by N. 4 4 0 30.31 75 74 69 78	cum stral	.9 -
5 5 4 34 . 6. 16. 4 4 0 30.30 75 74 69 78		9 &
6 4 6 8.0 " 4 4 0 30.30 75 74 69 78		7 -
7 4 0 12.0 - 4 4 0 30.30 76 74 69 78	cir. eum	6 "
8 5 3 17.3 N. 6. by 6. 4 4 0 30.30 76 74 69 78	· · · · · · ·	4 .
	.g.p. wint.	2 "
10 5 6 28.2 . 4.5 4 0 30.34 74 74 70 78	cum suint	4 .
2 3 30 5 4 6 2 4 3 0 30.34 76 75 71 78 6	0. "	5 .
11 Noon. 3 8 34.8	1.9.	4

121. 5 Distance new by Patent org Course and distance made good since preceding noon by observations, Q 5/8 9. // 5 knots. 24 0 48 · St. " Latitude by D. R. 30 001 184. " Longitude by D. R. Position at Noon: 24 046 18." Latitude by observations of O 29 055 94." Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D. R. from Now Longitude by Observation 0 24 048 1. " 29 037 194." Position at 8 P. M. {Latitude by D. R. fire No. Now / Longitude by Elisabeth from Afternoon of Current during the time, 6 knots tenths per hour, setting to the 6.96/46. 24 043 1 1.11 30 034 184. " 170 40' %. Deviation of the Compass by Azimuth O observed at 8 Q. M., ship's head Oh. N. W. 1/2 W. 3 . 40 . Qh. " Dar used 18:00 94 Deviation of the Compass by Azimuth O observed at & Q.M., " 400 gallons Water expended during the preceding 24 hours, 840 Water distilled during the preceding 24 hours, 2696 Water remaining on hand fit for use at Noon, 1 tons 9 0 5 lbs. Coal consumed during the preceding 24 hours, 149 " 60 Coal remaining on hand at Noon,

P.M. 1 2 5 36.8	-	_			-				-	-	-			-	-	-		-	-
1 2 5 36.8 Ch. No. 10 II. No. 10 E. ly & 2.3 3 0 30.28 76 75 71 78 bc.p.g. switch of Le 2 2 6 39.4 23 3 0 30.28 76 75 71 78 bc. p.g. switch of Le 3 4 2 43.6 4 4 0 30.25 76 76 70 72 78 b.c. cum wint 4 4 5 7 49.3 4 5 4 0 30.25 76 76 76 71 78 bc. g. circum 5 5 5 2 54 5 - 6. ly II. 4 3 0 30.26 76 76 70 72 78 bc. cum wint 6 92 6 5 9 60.4 4.5 4 0 30.28 76 75 71 78 bc. cum wint 6 92 6 5 9 60.4 4.5 4 0 30.28 76 75 70 78 4 5 6 5 9 6.5 9 6. No. 6. 4.5 4 0 30.28 76 75 70 78 5 6 16 8 6 70 8 6 70 8 6 6 70 8 6 70 8 6 6 70 8 70 8	P.	M.																	
2 2 6 39.4			2	5	36.8	Q. A Q. 12 Q1.	16. h 6.	2.3	3	0	30.28	76	75	71	78	bc.p.g.	mint.	5	L.
3 4 2 43.6 4 4 0 30.25 76 76 72 78 b.c. commanded 4 4 5 4 0 30.25 76 76 72 78 b.c. commanded 4 4 5 4 0 30.25 76 76 71 78 b.c. commanded 4 4 5 4 0 30.25 76 76 72 78 b.c. commanded 6 92 4 5 4 0 30.26 76 76 72 78 4		2	2	6	39.4		0	2.3	3									5	-
4 5 7 49.3 5 5 2 54.5 6 6 2 4 4 0 30.25 76 76 71 78 6.0. g. circular 5 5 6 5 9 60.4 7 5 5 65 9 8 5 4 71.3 9 5 6 76 7 10 6 0 82.6 10 6 0 82.6 10 6 0 88.4 10 0 88.4 10 0 88.4 10 0 88.4		3			1			4	4								cum rint	4	
5 5 2 5 4 5		4	5	7	49.3			4-5	4								4	5	-
6 5 9 60.4 . 9. 4.5 4 0 30.26 76 75 72 78 4.5 5 65.9 6. NE. 4-5 4 0 30.28 76 75 71 78 cccm. 5 4.5 4 0 30.30 76 75 70 78 5 5 6 10 6 0 82.6 5 4 0 30.29 76 75 70 78 6.0. 6				1			6. by N.	4	3								nint.	6	92.
7 5 5 65 9 E. NE. 4-5 4 0 30.28 76 75 71 78 cum. 5 4-5 4 0 30.30 76 75 70 78 5 5 5 6 76 8 4-5 4 0 30.30 76 75 70 78 8-c. p. cum. windt 4 6 0 82.6 5 4 0 30.29 76 75 70 78 8-c. p. cum. windt 4 5 4 0 30.29 76 75 70 78 8-c. cum. 6 5 4 0 30.28 76 75 70 77 5							0										4	4	,
8 5 4 71.3				,			6.16.	4-5	4								cum.	5	
9 5 6 76 8 4.5 4 0 30.30 76 75 70 78 B.e. p. cum. eximt 4		8	5	4	71.3			4-5	4									5	
10 6 0 82.6					1		,	4-5	4								cum arint	4	
11 6 0 88.4					1			5	4	0	30.29	76	75	70	78	b.c.	cum.	6	
Mid. 5 2 93.6 . 4.5 4 0 30 26 76 75 70 77 8						**		5	4	0	30.28	76	75	70	77		-	5	1,
										0	30.26	76	75	70	77		-	8	
	201				1								1	1	'				

Midnight to 4 a.m last home. Course Oh No has Open and pleasant Fresh to stiff herew from E VE string to E. ly V last home. Course Oh No has Open and stately ship on course sunder muyen topenast atheresis and all plain sail to royale except flying jit unather less of manual and epanter. Expressition at the while Distilling to the fadints.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Dem 4 to 8 a.m Lieutenant U. J. R. Chrodwate brew from ENE and NE. by E. Crartly clondy and pelvasant Engant from North. Dorth in give at 6.10 and elt starbard studding sail. Hautel down muziw topolast starpail at you at each of water on course Ch. N. Ch. 2 Ch. under starbard studding sail and all equal sail except water clear of mameail. Distilling with five brussed under bours 16. a vailing overel in eight from mast head on less low. appointness at the wheel.

Lieutenant U. J. W. O um 8 a. M. to Merid Cloudy to clear Passing rain aqualle Light to etiff breen from N.E. by N. to
N.E. by E. W. 8.30 took In studding sail and royals to a squall. W 9.30 made plain sail to
repel and main topment storpail and 10.30 took in migres topsail, main topment storpail and all
blad sails and water claw of maniail. Or 11.15 set studding sail and took in spanker. Scubled
bags. Distilling. appointers at the what Geneparative of magazine 80°79° forward, 78°70° all.

Oum Meind to 4 J. In. Quitewant Q. J.W. Dair Light to stiff boys at end of watch from N.E. by E. Barmeter falling closely. Ing east from N.E. by E. On course O. N. 12 D. Pluder paner pail as peredial watch appendice engaged with their bags. Dutilling. apprentices at the wheel. Jeonge Micaw.

& Eusign U. J. M. Orm 4 to 8 4.00 Partly clondy and pleasant. Product to stiff been from E. by 4. to E. A. E. Bacometer rising at 50 clock och jet and mixto topman staysail at 530 called all deprivation to granter and turned in seculted bags. At 5.45 called all hands neef topsails, took in light each and enigle reflect topsails. Then short out needs and enigle reflect topsails. Then short out needs and wall to regale and turned need het of mainsail. at 8 40 took in starband lover studding wil at end of watch under plain sail to royal eacept flying jet wather clear of manical and spanker, with miggar topmach stayeal, on come and 1/2 1/2. appentice at the wheel. Distilling. n. J. Coleman

Eusign U.S.W. Oran 8 & Mr. to Mid Gair to clear, cloude pressing our from No. Moderate to exist breeze fish 6. No. No. - Course Ch. N. Ch. (p.c.) at 10.00 stopped distilling and allowed five to die bot under briler 16. at end of watch ship under pame and are at such of preceding watch. Apprentice at the whal W/Maperlon Leutenant Q. J.M.

Examined and found to be correct.

J. B. Moillere, Leitenaut Q. I. Wargasor.

ROL

LOG of the UNITED STATES

Third Rate,

OG of the UNITED STATES Thip Essex This Onaking passage from Funchal Madeira to Yorktown, Va. 6.16. Q. S. W. 1/2 Q. 4 0 30.25 76 75 70 77 b.c. cir. cum. 8 5 5 0 30.23 76 75 70 77 4 3 4.0 49 4 3 0 30.23 75 75 70 77 8.7 0 30.23 75 75 70 77 4 3 13.7 0 0 30.23 75 74 70 77 46 4 3 17.9 4 3 0 30.23 75 74 70 77 22.7 4 0 30.23 76 74 70 77 cum. 5 27.4 4 3 6 0 30.24 76 74 70 77 31.5 8 3 2 0 30.26 77 75 71 77 35.1 0 30.27 77 75 71 78 6 6.16 3 2 39.1 5 0 30.28 78 77 71 79 4 0 3 0 5 0 30.27 79 78 71 79 Noon. 4 1 47.1

113 5 Distance run by Patent Sog Course and distance made good since preceding noon by observations, 0, 5/8 g 114 knots. 24 036 'A. " (Latitude by D. R. 31 0 58 194 " Longitude by D. R. Position at Noon: Latitude by observations of O 24 0 31 1 1. " 31 055 94 Longitude by chronometer from Forenoon Observations of ③ Position at 8 A. M. (Latitude by D. R. from Norm)

Longitude by Observation 0 24 ° 38' N. " 31 0 38 94. " Position at 8 P. M. Latitude by B. B. from Norw

Longitude by Chromenter from afternown observation o

Current during the time, 6 knots tenths per hour, setting to the FF & /2 6. 24 0 29 1 1. " 32029194." Deviation of the Compass by Azimuth O observed at & Q.M., ship's head W. J. W. 16 o 56 ' W. 1 0 56 ' W. " Far. used 19 00 %. Deviation of the Compass by Azimuth O observed at 8 Q. M. , " 4 00 gallons. Water expended during the preceding 24 hours, 254 " Water distilled during the preceding 24 hours, 2550 Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons / 4 4 5 lbs. Coal remaining on hand at Noon, 148 " 855

P. M.																	
1 1	4	0	51.1	Oh. St Oh 1/2 Oh.	6. 16.	3.4	0	0	30.25	78	77	72	78	b.c.	cum.	5	9.
			54.8	1.	16.	3	0		30.23					,		5	-
3	4	2	59.0			3-4	0	0	30.21	78	77	71	78			7	~
4	3	8	62.8			3.4	0	0	30.22	78	77	71	78			7	-
5	3	2	66.0			3	0	0	30.22	78	76	71	78			7	-
6	3	0	69.0		,	2.3	0	0	30.22	78	76	71	78			7	
7	3	7	72.7			8	0	0	30.21	77	76	70	78		cir. cum.	8	
8	3	8	76.5			3	0	0	30.23	77	75	70	78		"	9	
9	3	6	80.1			3	0	0	30.24	77	75	70	78			9	
10	3	8	83.9	"		3	0	0	30.25	77	75	70	78			6	
			87.3			3	0		30.25							7	.,
			89.5			3-2	0		30.24						-	7	
			,							'		1	'				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Moderate been from E. N.E. Dair first half with bright mornhall block black last two hours with highs rain shown at interval Moon set at 3.15. Long will from I worth. On concer Or N. 9. 15. M. under jet migres togmast staysail and all equive sail eacyst wrather clev of mainsail and migger tograil. appeinted at the whele

From 4 to 8 a. M. .. Electron of the superior of the superior of the State of the superior of the s

Fair Sently to merdents breeze from between N & by & and & N. Barowete rather unctody.

On course & N. N. 12 N. Andrew same soil as priending watch, except at lower stument at about 9.45, maggin topsail at 10.30 and hauted down jet. Mustand at guarter at 9.30 Afterwards held Divisional diell. By order of brumwarding Officer extended from confinement to a barrow (App 3.4) his time of emphreumit having topical Buy recommendation of the European especial Buy recommendation of the European especial Buy recommendation of the European especial Buy see of the Boundarding Officer the following approximate were remained by order of European St. S. Forten Colored for the Colored Approximate were remained for sia & monthly ing. - C. Coorten, Pamber, few Eugust 13. J. Peterson & A at a fam Setoba 4. & Benefit of the Colored from Octobal A decent of the Securition & Medical Approximation of magazine 80° 80° forward 72° 77° 44.

Senge of Accuses

Oran Oreid to 4 4 9 m.

Chair Stribe to moderate bases from 5.46. to N.E. Baronster falling. At 20 clock set main and musica topmuse stayonle. At 2.55 est yit flying git, appartur and gaff topial bad dillo as follow. from 1.5 to 2.15 Pot writed, engines; from 1.35 to 3.15; 14 Empany Infantry. A 3.37 called away all boats, anned and equipped for distant server and boute was exported as follows: tig 3.41; I aling Lauch 3.42; I hade boat 3.43; I tambalue 3.43; 14 batter, 2th botter and Tingly 3.44. Excuded 3.45. At and I will plain with to well was the class of water of manneral, with staterand lover studency and, main and migrue topmes stayonly megan topial and giff topial, or comes Or A 4/2 N. Agreentice of the what. Overhauled training gener of the rich guns by 180. 4. 4. 3 and 45.

Once 4 to 8 4.90.

Clean and fine weather. Light to moderate breen from N.E. Conce 9 N. 9. 1. 12. (pa) At 5.40 took in stanbound lower studding earl At 5.45 took in and fuled topgalland early need royale and took two eingle reefe in topeally after which short on reefe and set the light early of watch ship or her cause under early and early after the light early and of watch ship or her cause under early as a she end of presiding watch, earest starbound lower studding early appendices at the whalf of All the

Drom 8 P. M. to Mid.

Sentle to hight breeze from N.E. Frair and pleasant. Bright moralight. Ander main and muzzin togmash staypale, gaff togens, and plain pail to regele except wrather cleir of manusal, until 11.25 when took in apaules to see charles spanles 19 ff alongo. Genes N. N. O. 1. 34. por Standard. appendice at the wheel.

Levitenant T. F. D.

Levitenant T. F. D.

Examined and found to be correct.

J. B. Miller, Leitenaut & & 91 Navigator. Thip Essex

Third Rate,

	4	No	King	passage fro	ow Tunch	al,	YM.	ade	ira)	to	yo	ikt	own	v, Va.			
			Reading		WIND.				BAROME	TER.	TEMI	ERAT	URE.	State of	Forms of	f Clear 10ths.	o Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 10	State of the Sea
A. M.	41	7	90.4	Ch. J. Oh. 1/2 Oh.	6. NE.	2.3	0	0	30.20	76	74	70	78	b.c	Cum.	8	6
2	1	7	90.9	"	N E. by 6.	2-3	0		30.19	,	74		78			8	
3	1	8	91.6		. 1	2.3	0	0	30.19	76	75	70	78			8	,,
4	1	5	91.8			1-2	0	0	30.19	76	75	70	78			8	2.
5	0	6	91.8			1-2	0	0	30.18	76	75	70	78	4	civieum.	8	
6	0	5	Hauled in			0-1	0	0	30.18	76	75	70	78		cum stral.	9	
7	0	0		No steerageway	balm	0	0	0	30.19	76	75	70	78	-	-	9	4
8	0	0				0	0	0	30.20	76	75	70	78		1.	9	
9	0	0	-			0	0	0	30.23	77	76	71	78		"	9	
10	0	0				0	0	0	30.22	78	77	71	78	*		9	
11	0	D		,	FU.	0-1	0	0	30.20	77	77	72	78			9	
Noon.	0	0				0-1	0	0	30.20	78	77	72	78			9	

50. 6 Dietauc	e nur ly fog		
Course and distance	e made good since preceding noon by observations, % 5/8 S.	53 knots.	tenths.
	Latitude by D. R.	24027 10	1. "
	Longitude by D. R.	320 50 '6	W. "
Position at Noon:	Latitude by observations of ②	24023'	Jr. "
	Longitude by chronometer from Forenoon Observations of ⊙	320 57 '6	V. "
	(Latitude by D. R. Lum Nom	24023'0	N. "
	Latitude by D. R. from None Longitude by Observation O	3205719	V. "
	(Latitude by D. R. Line Noon	240 191	N, "
Position at 8 P. M.	Latitude by D. R. ferm Norm/ Langitude by Churowmeth fund afternom observation o time, 8 knots tenths per-hair, setting to the F.W. by E	33 001 16	W. "
Current during the	e time, 8 knots tenths per hour, setting to the FW. ly	?	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the C	compass by Azimuth O observed at , "	0 ,	"
Water expended de	uring the preceding 24 hours,	400	gallons.
Water	during the preceding 24 hours,		и
Water remaining of	n hand fit for use at Noon,	2150	, "
Coal consumed dur	ring the preceding 24 hours,	tons 161.	5 lbs.
Coal remaining on	hand at Noon,	147 " 1480	, ,
		1	

										1							1	
P. M																		
1	0	0	Hauled in	to steerageway	9. 494.	0-1	0	0	30.19	79	79	72	79	b.c.	cir.eum.	8	9	
2	0	5		Inith		0-1	0	0	30.18	80	79	72	79			8		
3	0	5				0-1	0	0	30.16							9		
4	0	3			"	0-1	0	0	30.14			1	79	-	4	9		
5	0	6			. "	0-1	0	0	30.14	79	80	73	79			9		
6	0	5				0-1	0	0	30.14	78	78	72	79			9		
7	1	4		991.	A 94.	2	0		30.14				78	-	cum	9		
8	1	8			. "	2	0		30.14				78			8		
9	1	4		901. h, 01. /2 04.	4	2	0		30./3	, ,		'	78			9		
10	1	1		961.6.01.		1.2	0		30.13				78		cir.cum	8		
11	1	0		Q. 80f.	4.19.	1-2	0		30.14	11	1		78			9	,	
Mid	0	0		No steerageway	balm.	0	0		30.14	. ,	,		78			9		
	9	. 1	4-265															

Commander Louis Kingsley Friday October 12

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 U. M North last how. at 12.25 took its for and aft sail bones Oh NO 12 M. (pe). At eled of watch under all equal sail same of the wheel.

To Lieutenant . J. 9. bleav and warm. Very light sine from No. by E. first part; calmer latter part. Reinig barometer Ou course I NO. b. first part; no stewageway latter part. Eng will from No. appentice at wheel.

Surged chip out. Under same sail as preseding writch.

Feorge K, Evaus. From 8 a. M. to Merid

Blear. Balon to light and from 99. Barometer falling elightly bleved up consect and light exile to grave chap. at 9.30 called divisions to guarters for inspection. At 9.37 counted to Graves Martine. and deriene reported as follows: Forward Ponder, 1 minute; after Ponder 1 minute, 10 records; 3rd Divien, 10minute 40 exember, Navigatore Diriem 1 minute 43 exember; 12 Division 2 minute, 20 exember, 2nd Division, 2 minutes 20 exember Exercised till 9.51 then smeded Geres and division reported as follows. Sangetore Tiniem, I minute 5 exemple; Brussel Paroles, I minute, so exemple; 3th Division, 2 minutes, 40 exemple; 4th Punter Division, 2 minutes , +0 aconde 1et Division, 2 minutes, 50 accorder al 10.02 arounded to Fire Quarter and writer evale reported in Divisional Agree and divisioner ready as follower. Price Extinguichees 2 numeter 4 seconder Donward Pander 2 numetre, 20 seconder 19 Division, 2 minuter 25 seconder after Pander 2 numeter 35 seconder, 2nd Division, 2 numetre 40 execute Nacigation Division & minutes, 50 execute; 3rd Division 3 minutes. at 10.05 excused. By order of Commanding Officiar, allowed J. G. Kallow the to be released from confusions for two hours and at 120 Cark re-confused line. Designature forward magazine Day bulk 80°, the bulk 80°, after magazine Vert bulk 70°. Day bulk 70°. Apprendicted at the

71. 0.1 Colman Ourign U. J. M. Own Mind. to 4 J-M. Blew and bot balms and light airs from M. 49. So steragewry finish home; barly strunge way remainded of watch Gend out clothing and enall stone to Navigatore, Enquires and Contest Divisions.

Ovikanted and impected both bown chains. I unner's gang contained and painted the racks for the ifter.

Appendixed at the whel.

From 4 to 8 P. M

Fight air to light breeze from W. 18 W. and N. M. and below. Glear and warm . At 5 45 called all hands and exercised at refing topsails I roke three arighe refer and fueld light sails afterwards above in next part for topmark stayard and made plain sail to royals. At such of wortch, ship by the wind on stoubout tack. Opprestice at the which

Geo Rose Dieutenant 94.890 Jum 8 R. m. to Mid. bleau. Eight aire and breyer from A. M. and A. N. M. balow last home. at 110 clock reduced rail to toperails bonce & A. M. 1/2 B. (pc) appointuit at the wheel.

Leutenant 9.99

Examined and found to be correct.

J. B. Mo illin, Luitenant & & Navigator.

			Reading		WIND.				BAROME	TER.	TEMP	PERAT	URE.	State of	Forms of	Clear Oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	9 0	3	Houlediew	South	Q1. N. Q1.	0-/	0	0	30.15	77	75	71	78	b.ow.	cir.cum.	8	9
2	0	3	,			0-/	0		30.15				78	,		8	
3	0	8		8.146.	West	0-1	0	1	30.15	77	75	71	78			6	
4	1	0		Ply 6.	4	1	0	1	30.14	77	75	71	78			9	"
5	1	0		9 1/20%.	"	1-2	0	2	30.12	77	75	71	78		1:	9	
6	1	0		Fly W.		1-2	0	2	30.12	77	75	72	78	b.c.	cum strak	9	
7	,	4		Fruth		1-2	0	2	30.12	77	75	72	78	"	air. um.	9	4
8	1	5				1-2	0	2	30.14	77	75	72	78		cum.	8	"
9	0	0		Hearing ship		1	0	0	30.15	77	74	72	78		cum stral	8	
10	1	4		1. l. 91:12 %.	W. by 9.	1-2	0	1/2	30.17	77	74	72	78			8	
11	i	6		N 1.12 94.	West	1-2	0	11/2	30.17	78	75	73	78	*	cum.	7	
Noon.	1	4				1-2	0	1/2	30.15	78	76	74	79		1	8	-

7	10. 8 Distance	new by org.		
	Course and distance	e made good since preceding noon by observations, S. ly W. h. W.	20 knots.	enths.
		(Latitude by D. R.	24 ° 13 'A.	<i>u</i> -
		Longitude by D. R.	32 057 . 24.	"
	Position at Noon:	Latitude by observations of ⊙	24 °03 'N.	"
		Longitude by chronometer from Forenoon Observations of ⊙	32 0 59 '91.	"
		Latitude by D. R. Sion Norw	23 ° 59 ' N.	
	Position at 8 A. M.	Latitude by D. R. from Norm Longitude by Assuration o	32 058 .04.	"
		Latitude by D. R. Lunn Norw	24 °06 'N.	"
	Position at 8 P. M.	Latitude by D. R. fum Jone (Longitude by Llunometer from afternow observation of	33 0 27 QV.	"
	Current during the	time, 18 knots tenths per hour, setting to the S. by W.		
		ompass by Azimuth O observed at & a. Mu, ship's head Fruth	19002191	
		ompass by Azimuth O observed at & Q M, "	033 6.	" Tav. used 19° 10° %.
	Water expended du	ring the preceding 24 hours,	450 8	rallons.
	Water	during the preceding 24 hours,		u
	Water remaining o	n hand fit for use at Noon,	1700	u
	Coal consumed dur	ing the preceding 24 hours,	tons / 275	lbs.
	Coal remaining on	hand at Noon	147" 7.00	

P. M.						T												
1	1	5	Hauled in	Lorth	Okest.	12	0	0	30.16	78	77	73	79	b.c.	cir. cum	8	2	
2	0	8				1	0		30.15						cum.	8		
3	0	8				1	0	0	30.14	79	79	74	79	_	-	8	-	
4	0	6	91.9			1	0	0	30.15	79	78	73	79		cum stret	7		
5	7	,	99.0	Q. A Q.	-	1	0	0	30,15	78	77	72	79		wint.	4	-	
6	6	7	6.8		Q1. FOX.	2.3	0		30.16							4	-	
7	6	5	12.6		Of est.	2	0	0	30.17	76	75	70	79			4		
8	6	7	19.3	,		2	0	0	30.20	77	76	70	79		cir. cum.	5		
9	7	1	26.4	,,	Q1. A 24.	2	0	0	30.21	78	76	72	79		cum.	4		
10	7	2	33.6	"	104	2	0	0	30.22	77	76	74	79			3		
11	7	2	40.7		,	2	0	0	30. 22	77	76	73	78		civ-eum			
Mid.	1		47.9			2	D		30.23							3		
	1		1															

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Bright morelight. Very light Chestrily aris. Basely sterrageway. Steady barometer at 2.15 set light early formall, jul and spourer approved at solvel. at end of watch endew plane said to engle eaceful flying jit and manusail. Beneve 91.4.24 /2 at. Seriege It I'm. Seriege It I'm.

From 4 to 8 a.M. Shear and warm. Sight aire to light herey from Week. at 5:30 ask mainiail. At end of water under plain sail to royale heading I by W. appendice at wheel. Corner at 49 1/2 all

Orom 8 h. M. to Cherid.

Clear and warm Light airs and breezes from V by I wroning to West at 8.10 commenced to wrave chip to bid. and Old and finished at 9.05. Course M. N. M. S. Wroning to West At 8.10 commenced to wrave chip to bid. and Old and finished at 9.05. Course M. N. M. S. W. M. S. W. M. S. S. W. W. S. W.

Sight bross to high asin from Oset Fair and warm. I'm sull from North. On got tack under four topmast stangard and plane pail to regale raceful manusal until 3.45 when fueled all each and stated sched with the engine A 3.55 or one one O. I. V. for Standard. Put one paties for at warm time rading 919 Menig briles A B and D. Appention or charling clothing. A sailing creek in eight from mast head on standard boor braing about NE. By order of Combinating Office reconfined J. D. Karlow, Le. at 12.30. Appendices at the wheel.

From 4 to 8 P.M. Sight airs to gentle larger from Otest and 01.94. Steaming with fite under bottom of 18. and 5. At 5.40 cest for and aff early and took it in again at 7.20. Emiss 91.40 (pc) appendices at the solut. arrange steam presence 55 lbs. arrange evolution 43.

Dum 8 P. On to Orish.

Shady . Light to moderate breyer from between Obest to A. Oh. Long enell from about the A. N. E. On course Oh. A. Oh. under steam salone. Barometer vising slowly. appendice at which arrange steam presence 55 lbs. Revolutions 44. Ohering steam from birlew A. B. and D.

George R. Evens.

& Ensign Qu. J. M.

Examined and found to be correct.

J. B. Me illow, Lieutenant Or J. Oh. Navigator.

LOG of the UNITED STATES Phip Essex Phird Rate, Making passage from Funchal Madeira to Yorktown, Va

			10	0 0						- (/							
T.			Reading		WIND.				BAROMI	ETER.	TEME	PERAT	TURE.	State of	Forms of	Clear oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Foree.	Heel.	Leeway.	Height in inches.	Ther.	Alr, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	59	4	55	Qt. 1 Qt.	A QL	0-1	0	0	30.20	7~	~/	73	78	b.c. a.	civ.cum.	,	_
1	7	1	55.0	W. WW.	OV VV.						1	1		b.c.	OVI. BELLIN.		d.
2	7	2	62.2	. "	,,,,	0-1	0	0	30.19		, ,	1		T.C.		2	"
3	7	2	69.4	,	A. N. O.	0-1	0	0	30.18	76	76	73	78	,	cum runt	2	*
4	7	1	76.5		North	0-1	0	0	30.15	76	75	73	78	6.c.t.m.		2	"
5	7	0	83.5	"	"	0-1	0	0	30.16	76	75	73	78	b.c.		2	-
6	7	2	90.7			0-1	0	0	30.16	76	75	73	78			2	"
	7	3	98.0	.,	,,	0-1	0	0	30.16	76	75	73	78	-		2	"
7	7	5	5.5			0-1	0	0	30.18	76	75	73	78			2	-
8	7	3	12.8		laalm	0	10	0	30.21	78	76	75	79			2	
9	1					0	The	0	30.25	78	76	,				2	
10	7	4	20.2							'	1	1	,,			4	
11	7	2	27.4			0	4.21.	0	30.28		79		,,	0			
Noon.	7	1	34.5		A %.	/		0	30.28	79	79	74	79	b.c. p.	-	2	1.
	1					100							-				

146. 0 Distan	ee un by Log.	
Course and distance	e made good since preceding noon by observations, % 18 9.	≠0 knots. tenths.
	Latitude by D. R.	24 ° 06 ' N. "
	Longitude by D. R.	35 0 36 ' 04. "
Position at Noon:	Latitude by observations of ②	24 ° 04 ' N. "
	Longitude by chronometer from Forenoon Observations of ②	35 ° 35 'W."
	Latitude by D.R. fum Nom Longitude by Observation O	24 ° 04 ' J. "
		35°03'%."
D. W D. W	Latitude by D. R. Jumo Norm Longitude by Churnometer from Afternoon observation o	24 ° 03 ' A. "
Position at 8 P. M.	Longitude by Chinometer from afternoon observation o	36 0 34 '%. "
Current during the	time, 2 knots tenths per hour, setting to the \$. 9 6 140	8.
Deviation of the Co	ompass by Azimuth @ observed at 4 P.M., ship's head O. A.M. 48	
Deviation of the C	ompass by Azimuth O observed at 40%., "	2 ° 41 ' N. " Bav. used 18 ° 00 %.
Water expended du	ring the preceding 24 hours,	425 gallons.
Water	during the preceding 24 hours,	"
Water remaining or	n hand fit for use at Noon,	1275 "
Coal consumed duri	ing the preceding 24 hours,	10 tons 635 lbs.
Coal remaining on	hand at Noon,	136" 810 '

P. M.		,		94.494.											cir: eum		
1	3	6	41.7	Q4. A Q4. 14 Q4.	O4. A 24.	3	0	0	30.26	79	78	74	79	b.c.	cum	4	2
2	7	2	48.9		St 94. by 24.	2-3	0	0	30.26	80	79	75	79			5	
3	6	6	55.6			1-2	0	0	30.24	81	80	75	79			4	
4	7	3	62.8			1	0	0	30.24	82	80	75	79			5	
5	7	2	70.0		East	1-2	0	0	30.24	81	80	75	79			5	
6	8	0	78.0			2	0	0	30.25	79	79	70	79			4	
7	6	8	84.8		16.	2	0	0	30.25	79	78	74	79			4	
8	7	5	92.3	4		3	0	0	30.25	78	78	74	79			5	
9	7	0	99.3		16. h 6.	4	0	0	30.28	77	76	73	79			4	
10	4	4	3.7			4	0	0	30.30	77	76	73	79	,	"	6	
11	3	2	6.9	,	6. 16.	3	0	0	30.32	77	76	73	79	,		8	
Mid.			8.7	,		3	D		30.33						.,	7	
										•							

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Bloody, with rain aqually around the horyon, thunder at times balow to high airs from A & to A noth. Bacometer falling. At send of watch under steam in boilers A. B. and D. on conce Ch. A &. Ship willing considerably to long everll from N. A & appreciation of the wheel. average steam 55 lbs. Carolithis 44. Midnight to 4 a. m.

Que 4 to 8 a.m.

Eusign Qu. J. M. and to the Na. Charles with rain equally around horizon to the Ad. and Old. and to the Nd. and Ed. Light sind from North. This rolling contantly to long evenls from N. N. Philip who course Oh. A. Ch. (pc) lunder steam alone in Inlew A. B. and D. appendices at the wheel arrays atoms 50 lbs. arrage revolutions 43.5.

Oum 8 U. M. to Merid.

Calm until last how, then light airs from N. Partly cloudy and warm Rain equally award horizon. Long ourle from N. N. Philo rolling deeply at interfel. Mulsteed and inspected can at quater dt 9.30. Aftervard the Commanding Officer dispeted crew and ship at 10.05 held Dione Service the Commanding Officer conducting the service Released J. D. Karlem (Sea) at 10.00 and as confuid him at 12.00 by order of Commanding Officer. On course It I hadden stram alone, using boiler A. B. and D. Avragu etam 55 lbs. Revolution 45. Apprentices at the whele Temperature of magazine 80° 79°, forward, 76: 75: aft.

From Merid. to 4 9.9m. Clear. Light airs to gettle been from N. M. by D. and Oh. N. M. Steaming einthe frier under biler A. B. and D. Oh 12.30 Changed concer to Ch. N. M. (p.c.) appuntices at the lobel. Steam

pressure 55 lbs. Revolutions 44.3. Hurell Oum 4 to 8 P. M Trentenant U. J. N.

Fair orchead. Rain aqualle all around the Loujon Fight Eastaly air first part at about 7 30 wind frehend and came in from the NE Est foreair and at end of watch making earl. Beady barreter Louis & N. N. N. N. N. N. N. N. Stamm with five under boles A. B. and D. avrage steam greenew 55 lb. Revolutions 43. appendicio at wheel. Morro rose about 50' clock

Lorge R. Evens, Eusign U.S.W. Jum 8 J.M. to Mid.

Dair. Modewate to gentle breeze from 4.6 by 6. to 6. N.6. Baronete rieng 20 8 15 finished making earl to royale(except manual) with main and migger topmark it appeals 20 4 3.0 took in apanher, man and migger topmark stayparle and flying jel. Ut 8.50 stopped engine and uncompled, and lowed amore topmark to 18 stayparle part to not of man fair and sel be clear of manual. It end of watch under all equal part to royale, except water clear of manual with jib, on conce Bob 4.4. Appendition at the wheel also o'clist commenced distilling with banked free under biler B. and allowed free to die with under biler B. and D. fire to die out under biles A. and D.

1. Colima Live Eusign U. &M.

Examined and found to be correct.

J. B. Meilton, Lieutenant Ol & Ok. Navigator. LOG of the UNITED STATES

Third Rate,

G of the United States Phip Esslar J. Making passage from Funchal, Madeira to Ynktown, Va. Oh. J. Oh. 14 Oh. 0 30.30 77 76 74 78 2 0 4 0 0 30.27 77 76 74 78 5 9.9 0 30.23 77 76 73 78 5 1-20 Hauled in. 0 30.20 77 76 73 78 1-20 0 30.20 77 76 73 78 N. N. E. 1-20 4 1-20 0 30.2077 76 73 78 1-2 0 0 30. 22 77 76 73 78 1-20 10 0 30.24 77 76 73 78 2.4 0 9.9 0 30.26 77 76 78 78 0 30.28 78 77 74 78 2-4 0 14.2 Of. NOV. 3/4 Of. NE. 3 0 16.9 11 7 N. 6. by 6. 2.3 0 0 30.25 79 78 74 78 19.7

96. 1 Distance	e new by Log.	
Course and distance	e made good since preceding noon by observations, 0/8	100 knots. tenths.
	Latitude by D. R.	24 002 1 1. "
	Longitude by D. R.	37 0 20 . 94. "
Position at Noon:	Latitude by observations of ②	24 001 . W. "
	Longitude by chronometer from Forenoon Observations of ©	37 022 1 91. "
Deleter at 0 A M	Latitude by D. R. Lond Nom	24 ° 02' N."
Position at 8 A. M.	Longitude by observation O	37 0 09 04. "
Desition at 9 D M	(Latitude by D. R. from Norw	23 ° 58' W. "
Position at 8 P. M.	Latitude by D. R. from Noon Longitude by-Chrometer from afternoon observation o	37 0 52, 01. "
Current during the	time, & knots tenths per hour, setting to the Ty. h. W.	:14 %.
Deviation of the C	compass by Azimuth © observed at & a. M. , ship's head Ol. N. A. /8	W. 15 ° 58 ' W.
Deviation of the C	ompass by Azimuth O observed at & Q. 9. " "	2 0 28 1 9 . " Van. need 17° 30° 9.
Water expended de	uring the preceding 24 hours,	400 gallons.
Water distill	ed/ during the preceding 24 hours,	500 "
Water remaining of	on hand fit for use at Noon,	1375 "
Coal consumed dur	ing the preceding 24 hours,	4 tons 750 lbs.
Coal remaining on	hand at Noon,	131 "1960 "

F	P. M.																	
Í	1	,	9	21.6	Oh. NO. 3/4 OL.	6. by N.	2-3	0	0	30.23	80	79	75	79	b.c.	cum.	4	S.
		2	1	24.1		1	2.3	0		30.22							2	
	3	2	9	27.0			2-3	0	0	30.20	79	79	75	79			2	-
	4			30.1		6.18.	2.3	0	0	30.20	79	79	75	79		cir.cum.	4	
	5	2	9	33.0		~	2-3	0	0	30.18	79	78	75	79		am mint	. 2	-
	6	3	9	36.9			3	0	0	30.18	78	77	74	78			2	
	7	3	9	40.8			4	0	0	30.19	78	77	74	78	"	cir cum.	4	
	8	4	13	45.1	-		4	0	0	30.20	77	77	74	78	",	eum.	4	
	9	5	0	50.0		18.	4	0		30.22							4	,
	10	4	6	54.6		S. N. E.	4	0	0	30.24	77	77	74	78	в.с.р.	cum suint	3	-
	11	4	0	58.6		6. by . W.	4	0		30.23						-	3	
1	Mid.	4	1	62.7		-	4	0	0	30.22	77	76	74	78			3	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 W.M. Dair and damp Light air and beens from E. by N. Flip in course (N. N. V. /4 Ch. (pc.) under all plain sail to royals except flying fit, starband clew of manual, and spanker. Distilling with fire banked under briter to. apprentices at the which the Killiperton Orom 4 to 8 a. m Sight airs to light breeze from N. N.E. Fair and pleasant. At 4.30 hauled up less clew of mamerial and at 9 to fueled muzeus topsail. At end of watch on conce the 14 th per Ftandard, under plain sail to enjule earlyt flying jit mamerial muzeus topsail and appendix. Distilling with fire banked under bales B. appendition at the wheel. From 8 a. M. to Meid. Eight aire to moderate breye from A. M. to N.E. by E. at 8.40 set flying git, strapails wrather clevr of maintail and sparker at 9.30 mustered at equation Instructed Division of appointing during first period and watch below during ind period in practical seamanchip at 11.15 took angle reef in manusal rand set watcher clew. At 11.50 took in spanker, writher clew of mainsail all staysale and flying jit. Tunne's gang withouted secol explication of Jun mounts Nos. 4.4 and 45. at 10° clock changed court to Oh. N. A. 14° Ch. (pc.) Distilling. By order of Commanding Officer cleased for our home of Faithern Las.) By order of commanding Officer cleased for our home of Faithern Las.) By order of same authority enflicted in double come for their days in birth deek a. A. Fhair (appost) for willful disobalismen of orders. Apprentices at the while Compositive of magazine 19° 79° formal, 16° 75° 44. Hercell Oum Merid. to 4 9.9m Lewtewart U. S. M. Elmdy. Sight to guttle breeze from E. by ch. to E. NE Barmete falling slightly. On comes Ch. A & 3/4 th. under same sail sav preceding worter. Instructed appendiction of worter, blind in mailimights reamarchip 2th puirts; 2nd preceding worter on been gurney 3th private worter bland and mailimights reamarchip to fair banked under baler B. Appendicts by which worter on makes of or Robert land 1 play mainted his young 19.

The rand 1 play mainted his 19 word 19.

Emm 4 to 8 P. D.

Ensign N. S. R. No. 46 rand 1 pdr mants Nis 78 and 79. Orm 4 to 8 P. On Eusign W. S.W. Dair. Sentle to moderate breeze from ENE at 4.30 set migen topenact staysail. at 60 ches took in light sails and took two engle nefts in topeacle after which made sail. at end of watch water jet and all agree sail to rope, except wather clear of enigh neefed manisal, or come O. S. H. 3/4 Oh. appentices at the wheel Distilling Ensign U. J.M. From 8 P. M. to Mid Tennally clondy with passing showns. Moderate breeze from NE, orching to E. by the all (11.00 branked stown muzeum topmash stayail. Some D. 18. 4 & at lad of watch ship on concel under all plain sail to watch shape scaeph flying jit, wather clear of single reefed manusail and appender. Switching appendicion at the whele

Examined and found to be correct.

J. B. Moillin, Lintonant D. S. Navigator.

45 Lieutewant Cl Sa

LOG of the UNITED STATES

Third Rate,

OG of the United States Ship Essex Making passage from Tunchal, Madeira, to Yorktown, Va. A. M. 43 6. by J. 6 ast b.c.w cir.cum. 4 Q1. 1 01.3/40V 0 30.22 77 76 74 79 1-3 0 65.3 0 30.2277 76 74 79 cumminil 3 1-3 0 67.9 O.c. 1p. 0 1-3 0 30.2176 75 73 79 70.3 8. by 9. 0 30.19 75 74 71 79 0.c.d. 1-3 0 72.0 0 30.18 75 73 71 79 0 30.18 75 73 71 79 0 30.20 75 73 71 79 в.с.р. 2.3 0 73.2 2.3 0 74.0 2.3 0 74.8 21 0 30.22 75 73 71 78 4 75.1 0 b.c. p. East 0 30.24 77 76 74 78 0 8 Hauled in 0 0 30.23 77 76 73 79 1-3 0 75.9 10 6. ly 1. 78.9 2.3 0 0 30.23 78 76 73 79 0 11 0 30.23 79 77 73 79 82.3

68. 8 Distaure no by Sog.	
Course and distance made good since preceding noon by observations, Q. 7/8 9.	75 knots. tenths.
(Latitude by D. R.	23 052 1 1. "
	38 036 104. "
Position at Noon: Latitude by Observations of ⊙	23 °48 'N. "
Longitude by chronometer from Forenoon Observations of O	38 042'01."
(Latitude by D. R. Low) Arm	23 ° 50' N. "
Position at 8 A. M. { Latitude by D. B. firm Nrm! Longitude by Observation 0	38 ° 33 '%. "
(Latitude by A 16 how Now	23 ° 43' N. "
Position at 8 P. M. {Latitude by S. R. furne North Character of Stewart of Current during the time, 7 knots tenths per hour, setting to the FM. 440	39 0 32' %."
Current during the time, 7 knots tenths per hour, setting to the 99.3/404	
Deviation of the Compass by Azimuth O observed at 8 Q M, , ship's head Of. N. 91. 3/4	W. 15°05' W.
Deviation of the Compass by Azimuth O observed at go O.M., "	2005' 94. " Var. weed 17000 %.
Water expended during the preceding 24 hours,	400 gallons.
Water distilled, during the preceding 24 hours,	802 "
Water remaining on hand fit for use at Noon,	1777 "
Coal consumed during the preceding 24 hours,	/ tons 1925 lbs.
Coal remaining on hand at Noon,	130 " 1725 "

P. M.	T	1.															
	3	9	86.2	Ol. A Ol. 3/4 Ol.	6. 16	3	0	0	30.21	79	78	73	79	b.c.	cum.	7	2.
2		1	90.5		16. ly 6.	3-4	0	0	30.20	79	78	74	79			7	
3	6	2	96.7		N6.	5	4		30.15					b.c. p.g.	numb	2	-
4	7	0	3.3			6	4	0	30.15	76	73	71	79		cir cum.	4	
5	76	0	10.3		E. N. E.	5-6	3		30.15					b.c.	mil.	7	
6	6	6	16.8		6. by 9.	5-6	0	0	30.16	76	75	72	79			5	
7	6	0	22.7		Gast	5	0		30.20	, ,					"	7	-
8	5	0	27.7		6.46.	4-5	0		30.21					b.c.d.	cum unit.		
9	4	7	32.4		East	5	0		30.21					be.	-	5	-
10	4		37.1			5	0		30.21		,	,	, ,			4	
11				"		5	0		30.21						-	2 3	
Mid.	5	0	46.5		-	5	0	0	30.21	77	76	73	79			0	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midwight to 4 a.M. .
Obid oraciable in force from light airs to regults breen from E. by N. to E. by S. Elondy first half worweast last two hours with light drighing skin at uitable. On mon Showing the high clouds. Harled up he clev of manual at 2.50 at such of watch or come On S. M. N. N. V. you Itandard, under plane sails to explor except from jet manusail and equipper. Distilling with five banked under boiler B. apprentices at the what.

Dem 4 to 8 a. M. . Leistenand Il In. Cassing alome around horizon to Id. Sight to gutte been from I 86. At b. 15 per wrather Lew of mainsail. At 70 clock all flying jet and took in miggintepeal. At end of watch reads flying jet jet, and all agran pail on for and man with angle reef in mainsail. Sixtelling appendices at the wheel. Eng will fin I'd. Come V. N. V. V. V. V. V. D.

Discussed of the state of the s

Chew Meids to 4 9. M.

Cheedy Gritle to feel briefy from 6.46 to 46. Baronete falling At 130 cet all topmark staypails, espander and flying jet. At 20 clock took in spansor flying jet royale all topmark staypails and low studding on to a grant and alternated made pail to hope in all topmark staypails.

At 3.15 hadred doub for topmark attigate and flying jet. At sud of worter such yet main and sugger topmark staypails and some and sugger topmark staypails and support as a super support topmark staypails and support as an while Distilling Prom 115 to 2.15 the water on deep were instructed in maintains or correct as a manufaction of such a water and constructed in maintains. A super second of the support as a manufaction of support and to 8 9.90.

Commander to 4 9.90.

Evair to cloudy with light digging name last home. Fresh to moderate brigger from ENE. excuring to E. by I rand backing to E. NE. Last how. US 45 hauled down mugger to prove was at 7 o clock. I have up watther clew of maileaid and ask migger topsail. Some D. A. I He Chec. Onore was at 7 o clock. This is no couse at each of watch under plane and to royale except flying jet wrather clew of engine wifest manuail and aparter. Distilling. appunitices at wheel.

Onon 8 P. M. to Mid.

Stiff brow from East bloody with morn showing at intervale. Bould up lee clear of manifail at 11.58. At eith of world on course M. A. M. M. M. Spat Blandard, under plain sail to roy ale sacily flying jet, manifail and spanker. Destilling with first banked under to the B. appendice at what

Examined and found to be correct.

J. B. M. illin. S. Navigator.

Lewitenant U. J. M.

Third Rate,

LOG of the UNITED STATES Thip Essex Making passage from Funchal, Madeira to Yorktown, Va.

			Reading		WIND.				BAROME	ETER.	TEMP			State of	Forms of	Clear Oths.	be Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	65	,															
1	5	4	51.9	Ql. AQL3/4QL.	NE.	4-5	0	0	30.20	76	76	72	79	в.с. ур.	cum unit	2	L.
2	5	7	57.6	,,	,	4-5	0	0	30.20	77	76	72	79	b.c.	"	4	
3	5	7	63.3		16. by 6.	4-5	0	0	30.17	77	76	72	79	"	cum.	6	"
4	5	8	69.1			4-5	0	0	30.17	77	76	72	79			7	"
5	6	0	75.1		,	4-5	0	0	30.16	77	76	72	79		-	7	
6	5	6	80.7	,		4	0	0	30.16	77	76	72	79		-	6	
7	5	7	86.4			4	0	0	30.18	77	76	72	79	в.с.р.	our ruit	5	-
8	6	0	92.4	,	,,	4.5	0	0	30.18	77	76	72	79	b.c.		6	-
9		5	97.9		6. by 9.	4-5	0	0	30.20	77	76	73	79		cir. cum	6	
	5	2	3.1		0	4-5	0	0	30.21	79	78	74	79	-		6	1.
10	5	0	8.1			4	0	0	30.21	79	78	74	79			. 8	1
11		2	12.3			4	0.	0	30.22	79	78	74	79			8	1.
Noon.	4	20	12.5							11	1	1	''				

130.9 Dietaure num by Putent Log. Course and distance made good since preceding noon by observations, Ok. 5/2 9. 140 knots. tenths. 23 033 1. " Latitude by D. R. Position at Noon: Longitude by D. R. 41 001 194. " 23 033 1/1 " Latitude by observations of O 41 0 11 194. " Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. (Latitude by D. R. Jumn Norw)
(Longitude by observation O 23 ° 35 'A. " 40 0 50 '04 " 23 029 1. " Position at 8 P. M. {Latitude by D. R. ferm Norm | Control during the time, 9 knots tenths packbour, setting to the Orecle and the control during the time, 9 knots tenths packbour, setting to the Orecle and the control during the time, 9 knots tenths packbour, setting to the Orecle and the control during the time, 9 knots tenths packbour, setting to the Orecle and the control during the time, 9 knots tenths packbour, setting to the Orecle and the control during the time, 9 knots tenths packbour, setting to the Orecle and the control during the time, 9 knots tenths packbour, setting to the Orecle and the control during the time, 9 knots tenths packbour, setting to the Orecle and the Orecl 41 0 50 1 24. " Deviation of the Compass by Azimuth O observed at & a. ship's head Ob. of 94.3/4 W. 14038104. 2 . 38' W. " Bar. reed. 16:00' W. Deviation of the Compass by Azimuth O observed at 80.9%, " 5/5 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, 906

Water distilled Water remaining on hand fit for use at Noon, 2168 1 tons 310 Coal consumed during the preceding 24 hours, 129 " 625 Coal remaining on hand at Noon,

-		_				7			_		T	-	-				1
P. M.																	
1	3	8	16.1	O4. N O4.3/4 O4.	6. by 9.	3.4	0	0	30.22	80	78	73	79	b.c.	cum.	6	L.
2	3	7	19.8		0.	3.4	0	0	30.21	80	78	73	79			6	
3		1	1		Gast.	3-4	0	0	30.20	8/	78	73	79			7	
4			27.7	,	1.	3-4	0	0	30.20	81	78	73	79	-		8	
			32.1			3.4	0	0	30.20	80	78	73	79			8	
6	4	4	36.5			3.4	0	0	30.18	79	78	73	79			7	
7	4	6	41.1		6. by N.	3.4	0	0	30.17	78	77	72	79			7	
			45.2		6.88.	3-4	0	0	30.17	78	77	72	79		circum.	7	٠.
			49.4		"	4	0		30.20						mint.	5	
10			54.5		7	4	0	0	30. 22	78	77	72	79	b.e.w.	cum strak	8	
11	4	4	58.9		*	4	0		30.23							9	
			62.1			3-4	0	0	30.24	78	76	71	79			9	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 W. Cm. Cloudy to clear Moderate to stiff breeze from N.E. and N.E. by E. Passing shown award horizon from how. Sing wa from N.E. at 12.30 ket less clev of malicail aidd muzzon topmach staysail. at 2.30 took in latter at end of watch under jet and all agrain sail easigh water clew of single reefed mainsail. appendicio at the wheel. Time & N. N. N. N. N. D. willing

Hurell Oun 4 to 8 a. On Leutenant W. J. M. Dair. In oderate to stiff breeze from the N.E. by E. Baroneter riving about Throdust sea. Sight passing rain aquall from the E. N.E. about 640. Our chies Or. N. N. N. V. V. Adder same sail as preceding watch, with starband lower stein sail in addition after 9.35. The starband appreciation of which Feorge K, Crave.

Orom 8. a. M. to Grerid

Chrow 8. W. M. to Article Charley: goleanant. Fiff to moderate bery from E. by S. Baronter viewing.

Chrotinate neally from 8. E. As 8. 45 and poor lever studding pail, brauled up be clear of maurical and brushed down jet. As 9. 85 atrick by hammorld after which trushed up breating to air 24 9. 35 mustred at quarter and inspected apprenties blankets and matters corres, after which constituted blankets. At each of watch under both low studding sails and all agrees pail to exple except manuscul, or cours 8. A 4. 48. Distilling. Apprentices at the while Temperature of magazine 80° 80° forward, 77° 46° eff. By order of Commanding Offers of Trailer of the while Temperature of magazine 80° 80° forward, 77° 46° eff. By order of Commanding Offers of Trailer of the while Temperature of the As M. The Course of the Section of the

Dum 4 to 8 P.M.

Settle to moderate herry from East. to E. N.E. D'air and pleasant. at the both studying saily called all hands and exercused at refing topsails. Josh a singly was then short at ruft and made sail to royale easily flying jit, jit and wrather clear of mamerit. A 7.00 est migges topmast stayail. Our same course asingueding worth. I willing with five bashed under this B. appurituse at the while.

Oune 8 P.M. to Mid.

bleav. Dew. Guth to moderate breef from E. M. 6. U 10.25 bauled down megzin topmar staysoil with this exception under same sail as in prevoling watch. Conse R. N. 4. 4. W. Dittelling. Appentices at the whel. Occase was long sea from N. 6.

Therall. Twiterant Ou S. M.

Examined and found to be correct.

J. B. Me allow Signiturant Oh. J. D. Navigator.

Ohral :

Thip Essex

Third Rate,

			Reading		WIND.				BAROMI	ETER.	TEMI	ERAT	URE.	State of	Forms of	Clear Oths.	000
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	Ottober 6 the Ga
A. M.	49	9 4	66.5	Ok. J. 91. 3/4 94.	ć.√€.	3-4	0	0	30.24	77	77	72	79	b.c.w.	cum.	8.	2
2	4	3	70.8		"	3-4	0	0	30.23	77	76	72	79			8	ı
3	3	6	74.4	,		3	0	0	30.21							8	ı
	3	4	77.8		,	3	0	0	30.20	77	76	72	79			8	1
*	,,	0	81.8	,	6. by N.	4	0	0					79			8	1
5	4	D	85.8	,		4	0	0	30.20				79	b.c.		6	1
6		3	90.1	"		4	0	0	30.22						"	7	1
7	4	4	94.5			4	0	0	30.24	1.				,.		17	1
8	4	7	98.6		East	3-4	0	0	30.24				. 1			7	1
9	4	'	1	•	Otop	3	0	0	30.27			,				7	1
10	3	2	1.8		•	3	0	0	30.27		,					7	1
11	3	6	5.4		6. hy s.	3-4	0	0	30.25	1						6	

Course and distance made good since preceding noon by observations, \$\frac{4}{9}\frac{9}{9}\frac{1}		
Course and distance made good since preceding noon by observations, \$\sqrt{98.5}\$. \$\langle 6\$ knots. tenths. Latitude by D. R. \tan 23 \circ 23 \circ 33 \circ 4. " Longitude by D. R. \tan 25 \circ 9. " Latitude by D. R. \tan 25 \circ 9. " Latitude by observations of \$\circ \tan 23 \circ 26 \circ 9. \tan 2. " Longitude by chronometer from Forenoon Observations of \$\circ \tan 30 \circ 26 \circ 9. \tan 2. \t	97. 2 Dietaure new by Patent Fry.	
Clatitude by D. R. 43 ° 45 ° 45 ° 45 ° 45 ° 45 ° 45 ° 45 °	Course and distance made good since preceding noon by observations, \$\sqrt{9}\sqrt{9}\$.	106 knots. tenths.
Position at Noon: Latitude by observations of © Longitude by chronometer from Forenoon Observations of © Longitude by Chronometer from Forenoon Observations of © Longitude by S. B. from North Position at 8 A. M. Latitude by D. B. from North Longitude by S. B. from North Position at 8 P. M. Latitude by D. B. from North Current during the time, 9 knots tenths per hour, setting to the P. M. W. W. Current during the time, 9 knots tenths per hour, setting to the P. M. W. W. Current during the Compass by Azimuth O observed at 8 M. ship's head W. M. W. W. Water expended during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,		23 023 14. "
Position at 8 a.M. Latitude by Chronometer from Forenoon Observations of © 43 ° 05 ' N. " Position at 8 a.M. Latitude by D. B. funn Norw 227 ' N. " Position at 8 P. M. Langitude by Philipation 0 42 ° 27 ' N. " Position at 8 P. M. Latitude by D. B. funn Norw 42 ° 27 ' N. " Position at 8 P. M. Latitude by D. funn Norw 43 ° 27 ' N. " Position at 8 P. M. Latitude by D. funn Norw 43 ° 27 ' N. " Position at 8 P. M. Latitude by D. funn Norw 43 ° 27 ' N. " Current during the time, 9 knots tenths per-hour, setting to the Q. N. Q. M. " Position at 8 P. M. 13 ° 52 ' N. " Position at 8 P. M. Solve of the Compass by Azimuth 0 observed at 8 N. M., ship's head Q. N. Q. M. M. 13 ° 52 ' N. " Water expended during the preceding 24 hours, 40 ° 0 gallons. Water published during the preceding 24 hours, 89 8 " Water remaining on hand fit for use at Noon, 2 6 6 6 " Coal consumed during the preceding 24 hours, tons / 90 5 lbs.	Longitude by D. R.	42 0 56 ' 94. "
Longitude by chronometer from Forenoon Observations of © 43 ° 05' %. " Position at 8 A. M. { Latitude by D. B. from Norw Longitude by thewation 0 42 ° 49' %. " Position at 8 P. M. { Longitude by thewation 0 42 ° 49' %. " Position at 8 P. M. { Longitude by Chemonitan for Officerory butteration 0 43 ° 13' %. " Current during the time, 9 knots tenths per hour, setting to the M. N. W. W. Current during the Compass by Azimuth O observed at 80. M., ship's head W. M. W. W. Water expended during the preceding 24 hours, Water published during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons /905 lbs.	Position at Noon:	23 0 26 'M. "
Position at 8 A. M. Latitude by D. B. from Norw 12 0 49 'M." Longitude by Potentation 0 42 0 49 'M." Position at 8 P. M. (Latitude by D. B. from Norw 12 0 43 0 23 'M." Position at 8 P. M. (Latitude by D. R. from Norw 12 0 43 0 24 'M." Current during the time, 9 knots tenths per from Setting to the M.		43 005 94. "
Position at 8 P. M. (Latitude by E. R. from) I row Longitude by Chemonates from Oftensors observation 5 43 ° 13 ° 10 . " Current during the time, 9 knots tenths pear-hour, setting to the Of N 9 1/4 %. Beriation of the Compass by Azimuth O observed at \$0, \(\text{M} \), shirjs head \(\text{O} \), \(\text{N} \), \(\text{N} \) \(23 0 27 'N. "
Position at 8 P. M. (Latitude by E. R. from) I row Longitude by Chemonates from Oftensors observation 5 43 ° 13 ° 10 . " Current during the time, 9 knots tenths pear-hour, setting to the Of N 9 1/4 %. Beriation of the Compass by Azimuth O observed at \$0, \(\text{M} \), shirjs head \(\text{O} \), \(\text{N} \), \(\text{N} \) \(Position at 8 A. M. Longitude by Prograting D	
Current during the time, 9 knots tenths per hour, setting to the %, N & M & M & 13 ° 52 ' CM. Deviation of the Compass by Azimuth © observed at \$U, M, ship's head @M . N & M & 13 ° 52 ' CM. Deviation of the Compass by Azimuth © observed at \$U, M, ship's head @M . N & M & 13 ° 52 ' CM. Water expended during the preceding 24 hours, Water expended during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons /905 lbs.		
Current during the time, 9 knots tenths per hour, setting to the %, N & M & M & 13 ° 52 ' CM. Deviation of the Compass by Azimuth © observed at \$U, M, ship's head @M . N & M & 13 ° 52 ' CM. Deviation of the Compass by Azimuth © observed at \$U, M, ship's head @M . N & M & 13 ° 52 ' CM. Water expended during the preceding 24 hours, Water expended during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons /905 lbs.	Position at 8 P. M. Longitude by Lawrenter land alternon observation o	43 0 47 '94. "
Deviation of the Compass by Azimuth O observed at \$U.M., ship's head (M. N. 94. 4.6). 13 °52 ' C. Deviation of the Compass by Azimuth O observed at \$U.M., " Water expended during the preceding 24 hours, Water published during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons /905 lbs.	Current during the time, Q knots tenths per hour, setting to the Q 191/4	
Deviation of the Compass by Azimuth © observed at 8 & M		491. 13 052 1 01.
Water expended during the preceding 24 hours, #00 gallons. Water purilled during the preceding 24 hours, 898 " Water remaining on hand fit for use at Noon, 2666 " Coal consumed during the preceding 24 hours, tons /905 lbs.		2 . 52 . Of " Dar used 15°00' 94.
Water dustilled during the preceding 24 hours, 898 " Water remaining on hand fit for use at Noon, 2666 " Coal consumed during the preceding 24 hours, tons /905 lbs.		
Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons 1905 lbs.		898 "
Coal consumed during the preceding 24 hours, tons 1905 lbs.	Poderous -	2.66.
Commence during the presenting of money		
Coar remaining on name at Noon,		
	Coar remaining on hand at Noon,	/ N 9 / G U

P. M	T	T																
1			3	13.7	Q4. S. Q4. 3/4 Q4.	East.	14	0	0	30.25	82	79	74	80	b.c.	cir. cum.	8	m
2			,	17.8	,		4	0		30.25						,	7	
3	4		D	21.8			4	0	0	30.24	82	80	74	80		"	6	
4	4		2	25.9			4	0	0	30.23	81	79	74	80			5.	5
5	4	1	2	30.1		6. by s.	4	0	0	30.23	80	78	74	79		cum stial	7	
6	4	(0	34.3		O,	4	0	0	30.23	79	78	73	79			5	
7	4		1	38.3		,	4	0	0	30.23	79	78	73	79		cum.	7	4
8	4		1	42.4			4	0	0	30.23	79	78	73	79	-		8	1
9	3		2	45.6			3-4	0	0	30.24	79	77	73	79	"		8	
10	3		4	49.0			3-4	0		30.25							7	.,
11	4		0	53.0		16. by 6.	4	0	0	30.25	78	77	72	79	-		7	
Mid			0	57.0		. 0	4	0	0	30.25	77	77	72	79			7	
											,							

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Bright morolight. Gentle to moderate been from E. N. E. Bavoneter falling slowly at 2. 15 pet major topewast stayori, and at 3.20 holled it down I terring come of . N. M. M. and place out to ropely easept head saile, wather cleu of neefed maineal and epanter. Distilling. appendix show the whyt.

Surge K. Evans.

Ensign D. S. A.

Our 4 to 8 a. On Faithy closely Moderate been from E. by N. Baimete riving at 70 close ast starband lower studies and Suche of bigue at and of watch under starband lower studies and, and aquae sail to ryal except wather class of anigh refer maintail. On conce 9.08/1/10 appendices at the what Titilling

Orm 8 W. M. to Mend

Jair and warm. Gentle to merderate beezes from East and E. by Nr. Come Or. N. 24. 4. 24. (pc.) Of g. 30 mustered at quarter and had Directival dill 2nd period, instituted watch on deed at legals. By other of the Captern released a M. Flaw (app 20) from confinement his term having expused. Turner's gang arguest at verbanding Mount 40,95 for Hotelhie 6 petr. At 9 or hand up two class of manuscall and at 9.30 est from love studing soul. At such of watch chip or come under all plain sail to expel with both law studding early early flying jet, maintail and epoplar appention at the wheel Testilling Temperature of magazne 80 - 80° forward, 79 - 78 - aft. W. Klaperton

Lieutenant Qu. S. 9K O como Meid to 4 P.M. Parderate bery from Each Fair and pleasant On came conse and under same sail as in preceding watch. Tue period 1.15 to 2.15 zoricat starboard watch at segrals 4th period, 23 to 3.15, exercised 22th Company at Infantry dill Lumeric gang paristed inside of 4th R.B. carnager this 23 and 42 rand expained zuw corne Littling with fine banked incles biles B. Chambe rand value with the banked incles biles B. Chambe rand value with the same before the second forward that rower the following punishments were availed to appunitive. B. Blanchand and A. J. Perkel saming deek when we watch and not coming aff to choose acid 4 hour extres dill : The Gallet A. Butter and 20. Thereby, disordiness of other and turning on desiring with evertely each 4 hour extres dill : The Gallet A. Butter and promptely a second the same of turning and promptely a second the same of the sa N.O. Stattleware, winthertion and loafing at custivation, whose extre diel : R. S. Graen, also in relaying sofreel : 2 knew extradice : F. Graen decich discharace of where , 4 lines extra dill. a. S. aland, discharace of where and turning in during and watch, where extra dill. appendice at wheel.

From 4 to 8 (9.90.

Lieutenant W. J. M. Clear . Photowest buy from 6. by N. At 5 is took in post studing earl; shook net not of maintail and extler Clear . At 5.55 took in starband studding earl, then exercised angle refing together, after which made sail again. Come Bh. A. Bh. De. De end of writel under job and all equal early writer clear of maintail. Distilling. Again the while at the wheel.

Pion 8 P. M. to Mid. Clear and bright starlight. Early to moderate burger from 6. by th to 6. N. 6. Barometer estady. Ouronese Oh. N. N. N. M. M. Brader same sail so quenting control with miggor toponest stayand refer 9.45 and weather clear of manifeld after 10.16. Stopped distilling and allowed five to die out at 10.00. Apparentises at wheel Ferger of Corner. Energy D. S. M.

J. B. Me illow Lieutennat W. J. Ok. Navigator.

Geo. Rlacare,

LOG of the UNITED STATES Thip ESSLX Third Rate, Making passage from Funchal, Madeira to Yorktown Va.

11	vvc.	1001	of the	issinge from	- Corana	1		recor	00 ,00	1			iurc	,			
			Reading		WIND.				BAROME	TER.	TEMI	ERAT	TURE.	State of	Forms of	Clear Oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent - Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				01 1 01 3/ 01	2 1 2 1				4			~.	70	b.c.			-
1	3	9	60.9	Ch. N. Ch. 3/4 Ch.	16. by 6.	3-4			30.23			1000		1V.C.	cir.cum.	9	d.
2	3	7	64.6	^	. 0	3-4	0	0	30.23	78	77	72	79		-	9	
3	3	4	68.0	•	6.46.	3-4	0	0	30.23	77	76	72	79	,		7	
4	3	5	71.5		East	3	0	0	30.22	77	76	72	79			7	
5	4	2	75.7	"		3	0	0	30.22	77	76	72	79			7	
6	4	,	79.8	W		3	0	0	30.22	77	76	72	79		-	6	-
7	4	8	84.6			3	0	0	30.22	77	76	72	79	-		6	
8	4	8	89.4			3.4	0	0	30.23	77	76	72	79		-	6	
9	4	9	94.3		6. by 9.	4	0	0	30.25	79	77	72	79	4	cum.	8	9
10	5	0	99.3		,	4	0	0	30.25	80	78	73	80			7	
1	4	7	4.0			4	0	0	30.23	80	79	74	80	,		7	
Noon.	1.,	3	8.8			4	0	0	30.22		, ,	1	80			7	-
Noon.	1										.,	/					
'						1	-	_	1	-	-	1	-	-		-	-

0- / N	10:16							
98. 6 Distan	re new by Patent Log.							
Course and distant	ce made good since preceding noon by observations, ON. 3/8 S.	10 S knots. tenths.						
	Latitude by D. R.	23 ° 19 'A. "						
	Longitude by D. R.	44 ° 53 '%. "						
Position at Noon:	Latitude by observations of O	23 ° 19 'N."						
	Longitude by chronometer from Forenoon Observations of ②	45°01'94."						
Position at 8 A. M.	(Latitude by D. R. June Now	23°21' N. "						
	(Longitude by & Sewatin o	44°41'94."						
	(Latitude by D. R. from Som	23 0 17 ' 1. "						
Position at 8 P. M.	(Latitude by D. B. from Som afternow Observation O	23°17' W. " 45° 43' %. "						
Current during the time, y knots tenths per hour, setting to the Okesh								
Deviation of the Compass by Azimuth O observed at & Q.M., ship's head Q.J.M. 13°0 9' C.								
	Compass by Azimuth O observed at & Q. M., "	3009 ' It " Can used 14° 00 %.						
Water expended d	luring the preceding 24 hours,	400 gallons.						
Water distil	led during the preceding 24 hours,	284 "						
Water remaining	on hand fit for use at Noon,	2550 "						
Coal consumed du	ring the preceding 24 hours,	tons / 275 lbs.						
Coal remaining or	hand at Noon,	127" 1125 '						

			1			7	1	-		-	1	-	1	1	1		
P. M.																	
1	4	5	12.8	Q1. A Q1. 3/4 Q4.	6. h 9	4	0	0	30.21	81	80	73	80	f.e.	cir. auw.	8	9
2	4	6	17.4	. 4	Gast	4	0	0	30.21	82	80	74	80			8	
3	4	4	21.8		6. by N.	4	0	0	30.20	82	80	74	80		cum.	7	,
4	4	6	26.4	4	1	4	0	0	30.20	81	79	72	80		,.	7	
5	4	5	30.9			4	0		30.22						cir.aum.	7	"
6	4	5	32.3	,	6.16.	4	0	0	30.22	79	78	71	80			7	
7	4	7	37.0			4	0	0	30.22	79	78	71	80	-	stral.	7	1.
8	5	0	41.9	.,		4	0	0	30.22	79	78	71	80		Cum. mint.	6	
9	4	8	46.7			4	0	0	30.23	78	77	71	80		cum.	8	
10	4	8	51.5	,,	16. ly 6.	4	0	0	30.23	78	77	71	79			8	
11	4	8	56.3		. 0	4	0	0	30.23	78	77	71	79			8	
Mid.	4	7	61.0			4	0		30.23						-	8	-
		1											.,				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Partly cloudy. Sentle to moderate breezes from N.E. by E. to Each at 12.15 - bouled down migror topmast starbail. At sud of watch under aquae sail to royale on court N. N. I. C. Lone

From 4 to 8 a. M. .

Cair and fine weather Gentle to moderate been from East Corne De 18 M. & M. Ge.)

Wh 4.35 stanband how studding said and banked up wrather level manifel; at 7.30 act port love studding said and banked up live claw of wrather level manifel; at 7.30 act port love studding said and banked up live claw of manifel. M. and of wratels on course under all aqueue sail eareps maineal, with both love studding valle apprentice at the wheel.

Pann News. to 49.92.

Sleav. Producte been from E. by I to E by N. at 2.30 set myzin topmast starpail.

Nith their addition, under some sail as in greatering watch. Come O. N. B. H. H. p.c. appendices at the wheel.

Dion 4 to 8 P.M. Dies worther Pardente been from E. N.E. to E by N. Steady bavonte. Involt sea.

On comes (N. N. N. N. N. Under same sail at presiding wortch, sieght at 600 that in both stuniale and set worther clear of manisail. at 7.30 with to make for quater, four strams apprentices at which.

At 5.45 single relad man topical and their made sail again.

Single I, Evans.

From 8 P.M. to Mid.

Partly cloudy. Moderate breen from E. N.E. to N.E. by E. At 100 clock set wrather clew of maniscil. At end of watch under express sail to work with miggen topmach etayeal and half jet-broaded on course Oh N. N. N. N. Seprenticie at which.

M. D. Coleman Eusign RV. S. Dr.

Examined and found to be correct.

J. B. Me Ilon Deutewart M. & M. Navigation

Third Rate,

of the United States Phip Essex Making passage from Funchal, Madeira, to Yorktown, Va.

			- 0	V 0	WIND.				BAROME	TER.	TEMP	ERAT	URE.			. ar	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Dry lb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	55	93	65.3	O4. NO. 3/4 94.	16. ly 6.	4	0	0	30.20	78	77	71	79	b.c.	cum.	7	8
2	4	2	69.5		East	4	0	0	30.17	78	77	71	79	"	",	8	
3	4	5	74.0			4	0	0	30.17	78	77	71	79			8	
4	4	D	78.0		11	4	0	0	30.18	78	77	71	79			8	
5	4	4	82.4	,	n	4	0	0	30.18	78	77	71	79			7	
6	4	9	87.3			4	0	0	30.18	78	77	71	79			6	,
	4	3	91.6		"	4	0	0	30.20	78	77	71	79			6	
7	4	8	96.4			4	0	0	30.21	79	78	72	79			6	
8		6	1.0		6. by 8	4	0		30.23		78	72	79		cir.cum	7	,,
9 -	4	3	5.0		7	4	0	0	30.25	1	1	72	11			8	
10	4					4	0	0	30.27	111	1	1				8	
11	4	4	9.4			4			30.26		,	/	-			8	
Noon.	4	4	13.8			1	0	0	00.26	30	10	14	10				1
									-								

109 . Distance pun by Patent Log Course and distance made good since preceding noon by observations, 9.749. Latitude by D. R. Longitude by D. R. Position at Noon: Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by D. R. firm Norw Longitude by Observation O

Position at 8 P. M. (Latitude by D. R. from Norw Comments of the Comment of the North Comments Deviation of the Compass by Azimuth O observed at & a.M., ship's head Oh. Ly N.

Deviation of the Compass by Azimuth ⊙ observed at & Q. M. ,

Water expended during the preceding 24 hours,

during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

110	knots.	tenths.

23 0 12 1. " 46 0 59 '04. "

23 ° 14 ' N. "

46 ° 59 ' 04."

23 ° 15 ' N. "

46 0 40' 94. "

23 º 12 'W. "

47 ° 29 °W. "

11043194

3 . 06 . 9k. " Vav. used 12° 50 %.

400 gallons.

2150

tons 680 127 " 445

P. M.																	
		0	17.8	Oh. A Oh. 3/4 Oh.	E. ly 9.	14	0	0	30.24	81	79	73	80	b.c.	cir. eum	8	m.
	8		21.0		·	3-4	0	0	30.24	82	80	78	80	9	cum.	6	
3	4		25.0			4	0	0	30.19	82	80	73	80			6	
4	4	3	29.3		E. by N.	4	0	0	30.19	82	79	73	80			7	
5	3	9	33.6	4	.0	4	0	0	30.17	80	78	72	80	,		7	
6	3	4	37.5			4	0	0	30.17	88	78	72	80		,	7	1
7	4	1	40.9			3-4	0	0	30.19	79	78	72	79			7	
			45.0			3.4	0	0	30.19	79	78	72	79			7	
9	3	8	49.0			3.4	0	0	30.21	79	78	72	79	"		9	
10	3	5	52.8			3.4	0	0	30.22	79	78	72	79	-		9	
11	4	3	56.3		,	3.4	0		30.23							1	
Mid.	3	0	59.21			3.4	٥	0	30.23	78	77	71	79		*	8	
			1000										1				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. .

Leav and pleasant. Bright moorlight. Moderate here from No. by E. .

vering to East. at 20 clock hauled drive migen topmach stayeail and up wrather clow of maintail. Commo (N. No. 14 G. (p.c.) at end of watch ship under all paper sail eacept matter clow of maintail. apprentices at wheel.

From 4 to 8 a. M. Switnant D. S. M. M. Show and phasant. Sit startoned studding sail at 4 30 and the port me at 7.40. At end of watch no same concer as in freeding watch under both studding walls and all equan sail except wather clear of manual. Appullies at the wheel.

Fim 8 a. M. to Merid.

bleau. Operate been from E. by 9. At 8.45 bouled up port clew of maniail, with this exception under same sail as in preseding watch. benew (2). No. 31. 24. Appendice of the wheel. Passed numerous prices of sea wird.

From Meriod to 4 P. M. Switte at moderate breyer from E. by S. to E. by N. Barometer falling. Eng such from E. F. E. Ou concer D. N. M. N. Suder same sail as preseding watch. Appendixed at the wheel.

Firm 4 to 8 P. M. .

Partly closely and pleasant. Moderate to gentle breeze from E. by S. N. Ot 5 45 took two single nells in shain topical and standing in both sails than made acid to equal wails to experience and some topical to experience with means and standing in both laws studding earls. A sud of watch on come O. S. Ch. N. Ch. N. Ch. Appendice at the whole.

From 8 9. M. to Phid.

Show a Green and Show watter South to moderate beezes from S. by N. Engel M. S.
Examined and found to be correct.

J. B. Moillon, Sientenant M. S.M. Navigator.

Lieutenant M. S.M.

LOG of the UNITED STATES Ship Essler 'Third Rate, Making passage from Funchal Madeira to Gorktown Va.

			Reading		WIND.				BAROME	ETER.	TEMI			State of	Forms of	Clear Oths.	be Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	45	5-	62.3	Oh . St Oh 3/4 Oh.	ලි. √ ළි.	3	0	0	30.18	78	77	72	79	b.c.	cum.	8	9
9	3	0	65.3			3	0	0	30.15	,	77	72				8	,
3	3	6	68.9	"	16.	3	0	0	30.15		77	72	79	"		8	4
4	4	3	73.2	*	J. U.E.	3-4	0	0	30.14	78	78	73	79	,	"	8	
5	4	6	77.8		, "	4	0	0	30.14	1	78	74	79		"	8	-
6	5	5	83.3	-		4	0	0	30.14	1	78	74	79	"	",	6	"
7	5	8	89.1		"	4	0	0	30.15	1	78	74	79		7	6	
8	5	8	94.9			4	0	0	30.16	1	78		79		-	6	
9	5	8	100.7			4	0	0	30.17	79	78	73	79	•		6	1.
10	5	9	6.6			4	0	0	30.19	79	79	74	79	в.с.р.	симини	4. 4	
11	4	4	11.0		6.86.	3	0	0	30.20	1		75	79			4	
Noon.	2	7	13.7		8.96.	3	0	0	30.20	80	80	76	80		-	6	

100.0 Distance	new by Patent Fog.	
Course and distance	e made good since preceding noon by observations, 04 1/4 9.	98 knots. tenths.
	(Latitude by D. R.	23 0 10 1 1. "
	Longitude by D. R.	48 0 46 . 94. "
Position at Noon:	Latitude by observations of ⊙	23009.1.11
	Longitude by chronometer from Forenoon Observations of ③	48 0 44 ' %. "
	(Latitude by D. R. from Noon	23 ° 10 ' N. "
	Latitude by D.R. from Norw Longitude by Observation 0	48 0 24 . 04. "
	(Latitude by D. R. from Nom	29 008 1 1. "
Position at 8 P. M.	(Latitude by J. R. from Norm Longitude by Chemometer from afternom observation of R. D. S.	49010191."
Current during the	time, 2, knots tenths per hour, setting to the \$6.6, &	1/26
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the C	ompass by Azimuth O observed at , "	0 / //
Water expended di	aring the preceding 24 hours,	400 gallons.
Water	during the preceding 24 hours,	"
Water remaining of	n hand fit for use at Noon,	1750 "
Coal consumed dur	ing the preceding 24 hours,	tons lbs.
Coal remaining on	hand at Noon,	127 " 445 .

P. 1		.,	,	17.8	Ol. J. 91. 3/4 94.	6.96.	3	0	1	30.18	81	80	7.5-	81	b.c.	cir. eum.	3	ب
				22.0	O1. 01 31. 74 34.	0.00.	3	0		30.18					,		5	
				25.0			3	0		30.18			/				4	
4		1	9	26.9		96.	3-1	0	0	30.15	82	81	77	81	b.c. p.	cum-unich	. 3	-
	5	2	3	28.3		6.96.	2-3	0	0	30.15	78	79	75	81	b.c.		4	
-	6	2	8	30.9	-		2.3	0	0	30.15	78	79	75	80			4	-
	7	2	+	83.3		.,	2-3					,	/		*		7	
			0	36.3	4		3			30.18					"		7	
			7			"	2-3			30.17					"	*	7	1
				40.1	"	-A-C	2			30.17						"	8	•
1	1	2	0	41.3		96.	2			30.16						"	7	-
Mi	d.	2	5	43.4			2	0	0	30.16	79	78	14	80			8	-

Harall.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mednight to 4 0 M. Sentle to moderate brees from 6. No. Warling to N. No. Bair and pleasant. Bright montifet Eight upper strature of Index passing to Ed. fish how. Smooth new. Est the fit and neign topmash staypail at 1.10, the main topmash staypail and expander at 2.30 and the flying fit and water less of manical at 3.00 Took in miggin topeal at 2.30. At each of water mental N. N. N. N. De Franciscol, under main and miggin topmash staypaile and plain and to enjew topmash staypaile.

Dem 4 to 8 a Mr. Levitle to moderate breeze from 4. 46. at 4.55 at migror toposal and strabound atudding will all 6.45 at for toposal studies studies will not one give toposal and at gif typical. Conner M. 4 M. 4 M. and of watch sindu strubound studding sail and all will early neight

topsail. apprentices at the wheel.

Firm 8 a. M. to Merid

Carty cloudy, theratering weather. Passing shower coming up from between 6.16. and 6.96. Principle barmeter. Produced falling to great breezes versing from between as end of watch. From the sea. At about 9.55 took in lower structure from lauled down many and migger topeach staypach. At 9.45 took in apareter and gaff topeach. At 11.55 hauled up and see starband clev. A 9.30 held Dimensal inspection after which the lossessin inspection the also and our et quarter who alm's 10.15 the baytain held Dimensal cleve. A 9.30 held Dimensal inspection after which the baytain inspection that also and our et quarter W alm's 10.15 the baytain held Dimensal Period. A produce of magazine 80 80 forward, 18 71 aft.

Dione Merid. to 4 P.M. Europe Vi. F.M. Serige Vi. F.M. Serige Vi. F.M. Europe Vi. F.M. Elmy Gruthe been to light aris from E. F.E. to F.E. Baronter stady. at 10'close sect botto love studding early and equal parts under botto love studding early and equal early to royale early manient, on come O. A. Vi. 14 V. appentice at whell

From 8 P.M. to Mid.

Strutle to light here from 6.96. and 56. Dair and pleasant Bught stoutight.

Let the neigh tograil and le clear of manual at 8.15 the flying git and neggin togenest observed at 10.30. It with of watch on conce N. N. N. N. per Fandald hindu neigh togenest stayout and plain each to engel easyle watch of manual appunters at the wheel.

Geore Grand De & D.

J. B. Mielton, Suitement W. S. Navigator.

Makerton.

Examined and found to be correct.

LOG of the UNITED STATES

Phip Essex Funchal Madeira to Yorktown

Third Rate,

()	100	an	ing 1	passage fu	m Tunchi	w,	enu	aein	a to	1	100	tro	uu	, va.			
			Reading	0	WIND.				BAROME	TER.	TEME	ERAT	URE.	State of	Forms of	Clear Juhs.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	32	70	44.8	N. N. W. 3/4 %.	F6.	1-3	0	0	30.17	79	77	74	80	b.c.	cum resuit	. 2	2
2	1	8	45.9	,	9.96.	1-3	0	0	30.17	79			80	"	cir.cum.	5	
3	2	0	47.1			2-3	0	0	30.17	79	77	74	80		rinel.	6	
4	2	7	49.8		96. by 9.	3	0	0	30.16	78	77	73	80	bre.p	am. mil	5	
5	8	4	53.2	"	0	3	0		30.16	78	77	,	80			4	9.
6	4	0	57.2		9. ly 6.	3	0	0	30.16	,		73	80		cum.	4	
7	3	2	60.4	II .	,,,,	3	0	0	30.16	78	77	73	80	b.c.	am. unil		
8	3	6	64.0	,,	9.96.	3	0	0	30.16	79	78	74	80			5	-
9	4	9	68.9		9. h &.	4	0	0	30.16	80	79	75	80	*	cum.	5	
10	4	9	73.8			4	0	0	30.17	80	80	76	80			5	,,
11	4	3	78.1			4	0	0	30.17	81	80	76	81	*		5	
Noon	3	9	81.9			3-4	0	0	30.17	81	81	76	81	-	"	5	
									1	1							

			I am a language	
73. 4 Dietause pen				
Course and distance made	good since preceding noon by observations,	Ol: 14 St. 75	knots. t	enths.
	tude by D. R.	23	knots. t	"
Long	ritude by D. R.		0 03 194.	
Position at Noon: Latit	ude by observations of O	2.	3 0 13 'Jr.	"
Long	ritude by chronometer from Forenoon Observ	vations of O	0 06'et.	"
(Latit	rude by D R Lim Nom	2.	3 ° 13 'N.	"
Position at 8 A. M. Long	ritude by D. R. from Norm	4	9 . 46 .	"
		2	3 ° 13' N.	"
Position at 8 P. M. Long	eude by D. R. firm Nom gitude by Chinometer firm Afternoon	vobservation o	0 ° 28'W.	"
Deviation of the Compass	s by Azimuth O observed at 8 Q. M., ship's	head Of . N 94 7/894	9032'04.	
Deviation of the Compass	s by Azimuth \odot observed at $80.\%$, ship's s by Azimuth \odot observed at $80.\%$.		2 ° 52 ' 06	" Var. used 10 40 94.
Water expended during t			400 g	allons.
Water	during the preceding 24 hours,			u
Water remaining on hand	1 fit for use at Noon,		1350	u
Coal consumed during the	e preceding 24 hours,		tons //05	lbs.
Coal remaining on hand a	at Noon,	1	26" 1580	

P. 1	M.																		
		1	4	83.3	Oh. h 94. 3/4 94.	9. by E.	2.3	0	0	30.17	82	82	76	81	b.c.	cum.	5	S.	
2	2	2	5	87.0	,	.1	2-3	0		30.16						"	6		
3	3	2,	8	89.6	4	Sinth	2-3	0	0	30.15	83	82	77	81		"	6	"	ŀ
4	1	3	6	92.3			2-3	0		30.14			/			civ.cum.	. 6		
	5		5	94.7		4.4	2-3			30.17						cir. aun.		-	
	6	2	5	97.2		9. ly 24.	23			30.17						minet.	5		
	7		7	99.9		0	2-3			30.17						kum, mint			
	8		3	2.2			2.3		,	30.20			/ .			"	8	. 9	
	9		6	4.7	•		3	3		30.20			/			"		J	
	0		7	8.4			3	3		30.19						4	8		
	1	3	8	12.2			3	2		30.19					,		8		
Mie	d.		3	100			3	2	14	30.76		00	10	01					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. blondy to clear. Light passing abover last hour. Sight air to gentle been from 96. to 9.96. Conce Or 18 9. 9. 9. Judes same sail as in presenting watch more rose clouded about mudnight Long swell from 96. apprentices at the whel.

Tun 4 to 8 a.m. Leutenant V. J.R.

Oum 8 a. M. to Merid

George R. Dravs . E Enrige W. F. M.

Partly cloudy. Moderate been from T. by E. Bairmeter steady. Lea amooth.

At 90 clouds set for topewast staysail, expander and griff topedal. At 9.30 mustual curve at quester after which the appendices brue custinated by Directal Official in accumulating, composer and the rewring of relieving tackles for the tillor. From 10.30 to 11.30 watch as deek sugard in escaping and sports of accommodation ladders. At 9.30 released 6.2. Intellect (app. 3.c.) from Infrience to by order of Communicating Officer flowed 5.3. In order of Communicating Officer flowed 5.3. Same (app. 3.c.) in critical confinement having expend. By order of Communicating Officer flowed 5.3. Same (app. 3.c.) in critical confinement in bread and water for the 3.1 days for relieving stream property. At end of watch under all sail, easept wein toyeall auto property toyeall or cours II. A. 9. 34 2. Appendix at the lobel. O superature of magazine 80°80° forward, 78°77° aft. 7. A. Coleman

From Merid, to 4 9.9m Same Med to 4 9. 4 9. 4 9. 4 9. 4 9. 10 period at marked to gentle breeze from Fly E. orining to Touth last two home. Some Ob. 4 9. 4 9. 4 9. (pc.) Itself last two home. Some Ob. 4 9. 4 9. 4 9. 4 9. 10 period at marking part accounting and during the 4th period, the oriented and after Purke division was instructed in Juney at the 4th B. Seine. At end of watch align on how enter under same and are a send of precing watch. Cappenties at the while summer gang and and orcharded knapeacke, haveacke and chiterus.

Dum + to 8 9.90

Luitewant U.S.R. Light to gutte brey from I by V. Pratty cloudy and pleasant. At 5.45 called all bounds and larvaced at refing topsails Fort a class ref and then made sail. At end of wetch me come Vh. by A. few Flandard, where all staysails, giff topsail, and plain sail to eyels. Geprenties at the wheel.

Gear Clark Dem & G. M. to Mid.

Shear. South breey from J. Ly N. Concer M. Ly N. (pc) Ender same sail as in freeding watch. appointing at the while. & Leitewant W. J. W. Leutewant W. F. M.

Examined and found to be correct.

J. B. Milton, Linterant & S. R. Navigator.

LOG of the UNITED STATES Phip Essex Phird Rate,

ON a king manager how Funchal Madeira to Horktone Va.

(111	an	eing.	passage fi	on June	war	. 11	vac	teira	1 1	0	gr	THE	lown,	va.		
			Reading		WIND.				BAROME	TER.	TEME	PERAT		State of	Forms of	Clear oths.	e Sca.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Soa
A. M.	34	5 7	19.0	Ot. by M.	9. by 9.	3	2	0	30.16	80	80	76	8/	b.c.	cum.	8	9.
2	3	5	22.5	. 0	0.	3	2	0	30.15	80	80	76	8/			7	
3	3	3	25.8		F. 904.	3	2	1/2	30.15	80	80	77	81			6	
4	3	3	28.6			3	2	3/4	30.14	80	80	77	81	14		5	
5	1	5	30.1	ter .		2	2	1/2	30.14	80	80	77	81	"		5	
6	2	1	32.2			2-3	2		30.14			77	81	4		5	
7	0	5	32.3			1-2	0	1/2	30.14	80	80	77	81		4	5	
8	0	5	32.6	r		1-2	0	1/2	30.16	86	86	77	81	b.o.p.		4	
9	0	6	32.8	Ot. N. 94.		0-1	0	0	30.20	81	81	77	81	b.c.	cum. nmi	47	
10	00	40	32.8 Hauled in	. ".	Vanable	0-1	0	0	30.22	80	80	77	81	b.c. p. 91.		2	
1	1	0	32.8	St 94. by 50.	fel.	0-1	0	0	30.22	80	80	77	8/	b.c.1p.		6	
Noon.	2		34.5	A Q1 ly Q1 1/2 Q1.	991. ly 9.	1-2	0	0	30.21	81	81	77	81	b.c.		8	
				0	-												

Course and distance made good since preceding noon by observations, \(\frac{\emptyset}{\emptyset} \), \(\emptyset	56.9 Distan	ie nu hy Log.		
Latitude by D. R. Latitude by D. R. Latitude by D. R. Latitude by observations of © Latitude by observations of © Latitude by observations of © Latitude by St. R. Latitud	Course and distance	e made good since preceding noon by observations, 7, /7	00	
Position at Noon: Latitude by observations of © Longitude by chronometer from Forenoon Observations of © Longitude by chronometer from Forenoon Observations of © So '94' '4'. " Position at S.A.M. { Latitude by So R. from Norw Longitude by So Referred Longitude by So R				
Latitude by observations of \(\to \) Longitude by chronometer from Forenoon Observations of \(\to \) \(\frac{1}{3} \) \(\frac{1}		Longitude by D. R.	51008.04.	"
Longitude by chronometer from Forenoon Observations of O	Position at Noon:	Latitude by observations of ⊙	23 ° 15 ' N.	"
Position at 8 A. M. Longitude by **Polymental No.			51 °04 'W.	"
Position at 8 P. M {Latitude by \$\infty\$, \$\infty\$, \$\infty\$ from \$\infty\$ Current during the time, \$\infty\$ knots tenths psea-hour, setting to the \$\infty\$, \$\infty\$ for \$\infty\$ \$\i		(Latitude by D. R. from Now		
Position at 8 P. M. Longitude by Chronatur fund Official Section 51 ° 38 '%." Current during the time, 4 knots tenths per-hour, setting to the 6, \$6/46 Paraction of the Compass by Azimuth © observed at \$0, \$\mathbb{M}\$, ship's head \$\mathbb{M}\$, \$\mathcal{M}\$, \$\mathcal{M}\$." Deviation of the Compass by Azimuth © observed at \$0, \$\mathcal{M}\$, " Water expended during the preceding 24 hours, Water during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Ibs.	Position at 8 A. M.	Longitude by observation o	51 000 'EV.	"
Current during the time, 4 knots tenths per-hour, setting to the \$\cap{S} \cap{S} \cap{A} \cap{S} \cap{B} \cap{A} \cap{B} \cap{B} \cap{A} \cap{B} \cap		(Latitude by D. R. fund Now	23 ° 18 'N.	"
Current during the time, 4 knots tenths per-hour, setting to the \$\cap{S} \cap{S} \cap{A} \cap{S} \cap{B} \cap{A} \cap{B} \cap{B} \cap{A} \cap{B} \cap	Position at 8 P. M.	Longitude by Churnmeter from afternow observation o		
Water expended during the preceding 24 hours, Water during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, United the preceding 24 hours, Water remaining on hand fit for use at Noon, Sometimes of the preceding 24 hours, Water remaining on hand fit for use at Noon, Loss of the preceding 24 hours,	Current during the	e time, 4 knots tenths per hour, setting to the & 9 & 1/4	6.	
Water expended during the preceding 24 hours, Water during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, United the preceding 24 hours, Water remaining on hand fit for use at Noon, Sometimes of the preceding 24 hours, Water remaining on hand fit for use at Noon, Loss of the preceding 24 hours,	Deviation of the C	compass by Azimuth O observed at & Q.M., ship's head O4. N Q. 3/4	Q1. 9008 'Q1.	
Water expended during the preceding 24 hours, Water during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, United the preceding 24 hours, Water remaining on hand fit for use at Noon, Sometimes of the preceding 24 hours, Water remaining on hand fit for use at Noon, Loss of the preceding 24 hours,	Deviation of the C	Compass by Azimuth O observed at &Q.M., "	3000'86	" Par used 10-08'94.
Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, One coal consumed during the preceding 24 hours, One coal consumed during the preceding 24 hours, One coal consumed during the preceding 24 hours,	Water expended d	uring the preceding 24 hours,	400 g	allons.
Coal consumed during the preceding 24 hours, tons lbs.	Water	during the preceding 24 hours,		"
Comment and the present of the comment of the comme	Water remaining	on hand fit for use at Noon,	950	"
Coal remaining on hand at Noon	Coal consumed dur	ring the preceding 24 hours,	tons	lbs.
Courtemaning on mind at 100th,	Coal remaining on	hand at Noon,	126 " 1580	•

P. M.								1						0	-		2
1	2	0	36.3	Q. A Q. 12 9.	904. by 9.	2	0	3/4	30.18	82	81	79	81	b.e.	cum nint	.5	2
2	2	6	38.9	21. ly N.	F. 904.	2	2	3/4	30.15	82	82	79	81	`"		6	
						3-4	2	1/2	30.14	83	82	79	81			7	
4	4	4	47.3			4	2	1/2	30.13	83	82	79	81			7	
	4		51.6			4	3	1/2	30.14	82	82	79	81			6	-
6	5	4	57.0			4	4	1/2	30.14	81	8/	78				7	
			62.2	Qt. A. O4:14 O4.		4	4	1/2	30.15	81	80	77	81		-	7	
8	4	8	67.0	Ot. N Ot: 12 Ot.		4	4	1/2	30.17	8/	80	77	81			6	1
			71.4	A OH. by Oh: /2 Oh.	901.	4	. 4		30.20					"		7	,
10	4	7	76.1	A Oh. by Oh. 3/+ Oh.		4	4	3/4	30.22	81	80	77	81	b.c.		6	
			80.9	Ot. A 21:14 OV.	9 04. ly 9.	4	4	1/2	30. 23	81	80	77	81	.,		9	
Mid.	3	9	84.8	CA. A Ch: /2 CV.		4	4	1/2	30.23	81	80	77	81			8	
		1															

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Fair Moon row at 1.03. Gentle been from between Forth and \$ 5th Baronete falling showly. Smooth sea. On course N. by N. Midn all plain sail eargh muzine topenil, together dithe all staynals and geff topenil. Appurities at what.

Story Revenue.

From 4 to 8 Q.M. ... Elight passing shower during latter part. Gentle bress to blight aris from F. F.M. Barmeth strady at each of watch under all said except main lupail and mujew toposil, backy under strungency, on course Oh by A. appendixes at which. N. A. Coloman

Even 8 a. M. to Merid.

Leverally clear with passing name equall about 100 clock. Sight air from

9.5 th. orining to 98 and backing to 90 by I last how. Fork we regall, make and miggest topsail

staypails, manicail expecter and gaff topsail to as equall at 9.50 and set them again except

gaff topsails at 10.30. Il 9.30 mutual as quatres and had divisited with interrupted by

vain equall. At end of watch align by the wind on gent took heading ON 18 18 18 (pe) under all

plain earl except migges topsail with all topsach etapocils. Comes (h by N (pr.) appointuic at the

wheel detail magains topsail with all topsach etapocils. Comes (h by N (pr.) appointing at the

wheel details magains find cooks and found them in working when Europeatium of magazinic.

83° 82° formerd, 80° 99° eff.

From Maid to 4 C.M.

Sight begut from SON by I receasing to moderate breeze and brailing to 5 S.M.

Frair and pleasant I moth sea. Est goff topical a 2. 60. At end of watch under all for and affectle except man topical and all agram each early migrow topical. On part text making corner Ob by the last three house. During 3th and 4th privide from 1.15 to 3.15 carriered part watch at knotting and explaining.

Repaid lociting to 1f No 9, 1 Mr. R. D. Sum. Eleaned part water town. Reputative at the wheel.

Drow 4 to 8 @ 90.

Clean. Light passing shows first home and sheet lightning to bot and old hast home.

Convolute been from F. 90. At 6 45 carning all hands refing to justile them made sail again as end of watch under each as in presenting watch bones Ohly of Jac appendice at the whell.

Dien & P. M. to Mid.

Clean and bright starlight. On oberate breeze from \$94 frick peach, 50% by I latter peach.

Cheining baroneter bourse the by M. By the wind on the port tack. It 8.0 hould other Hydrig gir and took in eyels and gelf topsail. At end of watch under plain sail to topsallant sails and all staysals. Appendix of which sea.

Trope Korner.

Energy M. M.

Examined and found to be correct.

J. B. Milton Lintenant R. S. Navigator. Thip Essex

Third Rate,

Making passage from Funchal, Madeira to Yorktown, Va A. M. 50 6 b.c. il- 8 4 1/2 30.2280 80 77 81 Q1. A 91.1/4 94. 3.4 87.1 4 0 3 4 1/2 30.19 80 80 77 81 5 89.1 3 0 2-3 3 1/2 30.19 80 79 77 81 5 92.0 1/2 30.16 80 79 77 81 5 2 2 93.2 l. 5 93.4 1/2 30.16 80 79 77 81 0 1/2 30.18 80 79 77 81 5 93.6 0 6 1/2 30.20 80 79 77 81 6 cum 2 0 93.6 7 1/2 30.22 80 79 77 81 2 0 94.3 9.994 0 30.24 81 81 78 81 8 1-2 0 96.4 9 9 2-3 0 0 30.25 81 81 78 81 98.4 10 0 30.25 81 81 78 81 7 98.4 11 0 30.2581 82 78 81 Inith 7 1.0 Noon.

77. 5 Distance run by Log Course and distance made good sinde preceding noon by observations, 91. by . h. 7/ knots. (Latitude by D. R. Longitude by D. R. Position at Noon: Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by S. R. from Now Longitude by observation 0 Position at 8 P. M. {Latitude by S. R. from Arm

Longitude by Shandrater from afternew observation o

Current during the time, 5 knots tenths position, setting to the ME by E. Deviation of the Compass by Azimuth O observed at 80 m, ship's head Of N Of Deviation of the Compass by Azimuth \odot observed at % 2.9%, Water expended during the preceding 24 hours, during the preceding 24 hours, Water Water remaining on hand fit for use at Noon, 550 Coal consumed during the preceding 24 hours, tons 765 126 " 815 Coal remaining on hand at Noon,

7/ knots. tenths.

\[\lambda 3 \cdot \k \cdot \

1bs

-	1	_			1			1	1	-	-				_		
P. M.																	
1	4	6	5.6	94. by 4.	9. h &.	14	3	0	30.25	82	82	78	82	b.c.	cir. cum.	4	9.
2		4	6.8		9. 96.	3	2	0	30.23						cum.	5	
3	2	2	8.2		9. hy 6.	3	2	0	30.22	84	83	80	82		cir eum	5	-
4	2	4	10.6	-		3	2	0	30.22	84	84	80	82			5	
5	2	0	12.4			2-3	2	0	30.22	84	83	79	82		-	8	
6	2	0	13.6		9.46.	2-3	2	0	30.22	83	82	79	81		cum mil	7	
7	3	7	17.3			3.4	3	0	30.23	81	81	78	81	b.c. p.		7	-
8	3	8	21.1		Pouth	3-4	3	0	30.25	81	81	78	81	b.c.		6	-
9	2	7	23.8			2-3	3	0	30.27	81	81	78	81			7	
10	3	0	26.8	.,		3	3	0	30.28	81	81	78	81		-	7	
11	2	2	29.0			2.3	2		30.28						"	8	
Mid.	1	6	30.6			2.3	2	0	30.27	81	81	78	81	b.c.p.l.		5	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midwight to 4 a. M. Condy with passing aqualle around the horism. Moderate to quite buy from 9 th to 9 th by 9. Occasional lightning. Barmeter falling I rote in topgallant vision and manuscal to equally appearance at 20 clock and at 2 45 made acid again at 3.15 time in manuscal and equation about of writch under plans acid to topgallant early early manuscal and equation with all topmash staypable harding 40 th. There will be a 8 a. M. Same to be a sufficient about the supply manuscal white the supply the supply to 9 the supply to 19 the supply

From 8 a. M. to Merico.

Sight airs to moderate breeze hauling from 9.90. to South Pair warm and pleasant. Innote lear of 8.44 hors ahip to with main topsail to the mast lowered life book and specked up a blanket that had fallen variously. Never ahead on come at 8.56. Aired bidding and sembled haumonously. Exceeding and sembled haumonously. Exceeding and sembled haumonously is considered and said exceed the pair strandard under all said exceed the didding sails manual main topsail and miggen topsail. Appointing at the which Temperature of magazine 83° 82° forward, 81° 80° aff.

Them Paried to 4 P.M.

Siniture 9.50.

Own Greet to 4 P. B. Elean Gentle to moderate breeze from I by E. and I I E. at 2.45 started from under briter B. for distilling. Guden came sail as in proceding watch appearance engaged in mending and repairing attempt appearance engaged in mending and repairing attempt. Appearance engaged in mending and

Own 4 to 8 P.M. Clean Gentle breeze firm F. 46. to Freth. Barmeter riving Furth sea. On conce & by the Conden same sail as preserving world. W. 5.45 clar refer topsails and each down royel yards; shoot his refe, covered eagle gards and made sail again. Frie barbed world briles B. appendices at the wheel

Froze & Coaws.

Secure & P. M. to Mid.

Gathy cloudy. Lightning to Fd and Old. Sentle breeze to light aris from Forth.

We to so took in wheniaid and mizzer togenast stayearl. At end of witch under plain sail to eyel.

(except mainsail) with all topmast stayearle on course Oly. I stilling with frier bruked under briles B. Appentices at the wheel.

M. J. Stoman

Examined and found to be correct.

J. B. Molton, Leuten ant Dr. & Mr. Navigator.

Third Rate,

of the United States Phip Essex Phird Making passage from Funchal, Madeira to Yorktown, Va. 0 30.27 80 80 78 81 be pl cumaint 9.98. Ch. by A. 2.3 0 33.0 0 3.4 3 0 30.27 80 80 78 81 b.c. d.l. 37.0 3 3-4 0 30.26 80 80 78 81 b.cl. w. 5 41.5 3.4 3 0 30.26 80 80 78 81 8 45.7 96. by 9. 4 3 0 30.25 80 80 78 81 50.9 ciin. 4 b.c. 0 30.25 80 80 78 81 55.9 4 0 30.27 80 80 78 81 61.1 4 0 30.29 80 86 78 81 5 0 66.1 cum. 0 30.30 81 81 78 81 4 3 5 2 71-3 76.8 4 3 0 30.31 82 82 79 81 10. 5 5 0 30.31 83 82 79 81 83.0 4-5 4 0 30.31 83 83 86 81 7 Noon. 5 88.8

91 . 6 Distance run by Patral Log Course and distance made good since preceding noon by observations, Of 3/4 Mr. (Latitude by D. R. Longitude by D. R. Position at Noon: Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by 6) B. fun Show Position at S. P. M. {Latitude by G. R. fund Sorre! Longitude by Chacamatter from afterward observation of Current during the time, 12 knots tenths per hour, setting to the N. N. E. Paration Deviation of the Compass by Azimuth O observed at SU Gm, ship's head Or by J Deviation of the Compass by Azimuth O observed at & Q. T. , Water expended during the preceding 24 hours, during the preceding 24 hours, Water distilled

Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

tenths. 92 knots. 23 ° 31 ' N. " 53° 59' 04." 23 ° 42' N." 53° 54' 94." 23°42' N. 53029'04." 23 ° 42' 1 " 54° 38' W." 8 0 08 ' 94 3 . 23 ' Q. " Var. used 8 . 50' H. 406 gallons. 677 827 / tons /40 125 "675

P. M																,		
				011	0101	C8 c 0 C8			11		0.1			0.	0		_	9
1			8	,	Oh. by N.	96. by 9.	4-5			30.30						cum.	1	0
2		5	6	100.2	.,	. 0	4	4	1/4	30.28	85	84	80	81	"		7	
3		5	4	5.6	4.		4	4	0	30.27	84	84	80	81			7	
4		5	24	11.0			4	4		30.28							6	
5		5	2	16.2		98	4	3		30.28							4	
6		5	3	21.5		4	3.4	3		30.30							8	
			5	26.8			3.4			30.32							9	
8		5	3	32.1		,,	3-4			30.33							1773	
9		5	5	37.4			4-5			30.31							8	,
			1	42.5			4-5	3		30.31					0		8	
		5		47.6			4-5			30.31			,				8	.,
Mid				52.9			4.5			30.30			,		b.c.w.		8	
				,			, ,			00.0			10					
interes	-	-	-															-

Commander Louis Kingsley Thursday, October 25

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Servally clear with light driggling rain passing over at intense from the Fd. Lightning from W. by A. to F. 9 th during entire watch. Gentle to moderate breyes from F. F. E. Motor rail at 3.10 a. On one of watch chip on come Oh by Si (p. 3) under all transit struggered and all plain sail to rayely except mainsail Dictilling with fire bruked under bater 15.

Application at the wheel.

From 4 to 8 a.M. Sweet lawy from F.E. by S. Pair and pleasant, Cumulus clouds around Georges. Smooth sea. The lee clear of manisail at 4.30 and the geff topicail at 7.15. At end of watch on come B. by S. few Frankand, under all for and aft sail eaceft many typical and all aquan sail eaceft watches clear of manisail and miggen topicail. Distilling with free backed under boiler B. Agreenticie at the wheel.

From 8 a. In to Merid

Clear Moderate to stiff brey from \$6. by 9 at 9.20 set migrou topsail and
por studding earl. At 9.30 mustred at quarter and then earlied appendice at Divisional dill
during first period: 2nd period exercised appendices of watch in deep at eightle like and of watch

under per studding earl and all early exercise appendices of manual and main typic. Correct

(a) (ye) (p.c.) Appendices at the while. Distilling Commanding Officer available the following
primitimate, in: - M. liff (A. D. Appell. Distilling to manually Officer deadle when foreastly when watch
was in dech. The lift (A. D. Appell. In these total duty for elidering under foreastly when white
was in dech. The way to the the back but, four bound and they for emoking. By role of Commanding
Officer alleased from confinment Gamic D. J. Appell of Boundanding Officer placed in
confinencial Colitary) for three days in broad and water Schaefer Frank. Upp 3.cl. for vicioning stoles
preparty and kahing it to be such Demperature of magazine \$32822 forward, \$2282 aft.

From Merich to 4 PM.

Dair Sentle to stiff breezes from 96 by 9. Bacometer falling algoty Ou course

On by N. Quedes same sail as preceding watch. Instructed bross of watch 3rd periors his arguals,

4 to secured selected dull 1st company. Distilling with free backed under briles B. appointed at
what.

Down H to 8 P. M. Servally clear and pleasant. Sertle to moderate \$6. breeze Barmete neering at 5 Ho took in looks studieng sail, called all hands net topsails took in legal sails and took a single ref in topsails after which made sail again. A und of witch under plans out to rough leavest written clear of maminist) all topsails staysails, migges topsail and geff topsail on muce Only N. Distilling. Appuntices at the whele.

N. A. Colonson

From 8 P. In. to Mid Generally clear and damp, with occasional sheet lightning to I'd. and Wid. One dente hour from IE. At end of watch on concer D. by M. (p.c.) under bank bail as in preciding watch. Dichilling with free banked under boiler B. apprentise at the what He Cafer too.

Examined and found to be correct.

J. B. Moillow, Lieutenast M. S. Navigator.

Gen ROBALL

....

Thip Essex

Third Rate,

	6	M	al	king	passage fr	ow Tunch	hal	9	lac	teira	t	6	for	leti	run,	a.		
				Reading		WIND.				BAROME					State of	Forms of	Clear 10ths.	he Sea
Hour.		Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of the Se
A. 1			6	50 /	Oh. by A.	\$6.	5	3	0	30.29	81	81	78	81	b.c.w.	cum.	8	g
		5	1	58.6	or ay or		5	3		30.28			78		f.c.w.l.	,,	7	
3		5	1	70.1			5	3	0	30.28			78		,		8	
		5	4	75.5		9.96.	5	ও	0	30.28	81	81	78	81			.7	
		5	7	81.2		.,	4-5	3	0	30.28	81	81	78	81	b.c.	civi cum	7	. 1
	6	5	7	86.9			4.5		0	30.29	81	81	78	81	"	cum.	7	,
1		5	3	92.2		96. by 9.	4	3	0	30.31	81		78		"		7	
8		6	1	98.3		, "	5	3	1	30.31		81	78	81	-		7	
9	,	5	8	4.0			5	3	1/8	30.35	81		/	82			5	194.
10)	5	5	9.5		9.96.	4-5	3	,	30.35			11-	82			5	
11		4	5	14.0			4	٤	,	30.37			1			-	5	
Noo	n.	5	3	19.3			4	2	1/8	30.36	83	82	78	82		1	7	
							1	-		-	_		_	1				-

131.1 Dista	are new by Log.	
Course and distance	e made good since preceding noon by observations, %. /2	130 knots. tenths.
	Latitude by D. R.	23 ° 45 ' N. "
	Longitude by D. R.	56017'94."
Position at Noon:	Latitude by observations of ⊙	23 ° 54' N. "
	Longitude by chronometer from Forenoon Observations of ②	56 ° 20 '94. "
	(Latitude by D) R home Some	23 ° 53 'N. "
Position at 8 A. M.	Longitude by of Sew ation O	55°57'94."
	(Latitude by D. R. fum) Non	24 011 '50."
Position at 8 P. M.	Longitude by blumoneter from alternoon observations	56°57'91."
Current during the	(Latitude by D. R. from) Norm/ (Longitude by Chronometer from Afternoon observation 3 time, 9 knots tenths per bour, setting to the No by Gr. H.	291
Deviation of the C	ompass by Azimuth O observed at 80 m, ship's head O. L. W.	6° 42' %.
Deviation of the C	ompass by Azimuth O observed at 80.0%, "	3 ° 02' %. "Var. used 7° 40 %.
Water expended du	ring the preceding 24 hours,	4/8 gallons.
Water distil	ad during the preceding 24 hours,	
Water remaining o	n hand fit for use at Noon,	900 " 1309 " 1 tons 965 lbs.
Coal consumed dur	ing the preceding 24 hours,	/ tons 965 lbs.
Coal remaining on	hand at Noon,	123 " 2010 '

P. M.				0.1.													
1	3 2	3	23.0	N. by N. J. W. by W.	9.98.	5	2	0	30.29	84	83	79	82	b.c.	cum.	7	g.
			30.7			5	2		30.29							7	"
3			38.9			5.4	2		30.28							8	
4	4	9	40.8			5.4	2	0	30.28	85	84	80	82			7	
5	5	2	46.0			4-5	2	0	30.28	84	84	80	82		cum munt	.6	
6	5	9	51.9		-	5	3		30.28						,,	5	
7	5	4	57.3	,	9. ly 6.	5	3	0	30.29	82	82	78	82		cum.	7	
			61.6	"	1.	4	3	0	30.30	82	82	79	82	b.c.w.	aum mint	6	
			65.2		J. ly 94.	3.4	3	0	30.3/	82	82	79	82	b.c.p.	.,	5	
10	5	5	70.7		0	5	4	0	30.32	82	81	78	82	b.o.w.l.	.,	6	
			76.7			5	4									7	
Mid.	6	4	83./			5	4	0	30.32	81	80	77	82	b.c.w		7	

Leutenant W. S. M.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Friff brew from FE and F FE. I sereally clear and damp Bught etaclight. Dightring to Ord. Toworth was On conce of by the per Standard shirter all back except studding walk and wrather clear of manifest. Distilling with frew banked under briter 13. appearance at the whole.

Drow 4 to 8 a.M.

Crow 4 to 8 W. M. Should water to stiff breve from F. F.E. and F.E. by F. W. 4 50 took in mixed topsail and set it again at 6-30 also feel get studding earl bodie Oh by A. p.e. Distilling W. sud of water under per studding earl staysail and all plans sail to injale, except water cless of maneail. Appendices at the whel.

From 8 a. On. to Merid.

Dair Moderate to etiff breeze few FE by 8 and 9.96 Barmeter rising Very moderate cea. Ou cour D. by A. Ander same sail as preeding witter M. 9.30 mustud het quitter after which seauch ship for action and thus counsed to burdent Tenature true as following 934 collect clear the same following 934 collect clear the same of the part of ship reported ready: 9.43 counsed to trever Tenature, Omenado Ponder Division 2 min 50 accounts Engineer Division 1 min 10 acc.; after Pander Division, 1 min 45 acc.; Changator Division 2 min 10 acc.; after Pander Division, 1 min 45 acc.; after Division 2 min 45 acc.; after Division 2 min 45 acc.; and Division 10 acc. On 9.47 commerced exercise mustered fourters influence, fuerous and persupunal with arms and Equipments on quarter deck Ut 9.56 recursed Magazine temperature 84° 83° - 82° 80°. Appreciated at what

Deam Merid to 4 P.M.

Dair . First to moderate breeze from P. F.E. Baroneter falling . At 3.39 counted to A. B. & Baroneter falling . At 3.39 counted to Discolarater instructed brye as to their duties and secured. Baroneter clave of mains and patual bog 2.3.0. At each water when I watch under all pails to royale Except unather clave of mains and mains through on convey Io & by & Apprentices at the whal. Distilling with backed free under boiler 13.

Drow 4 to 8 PM.

Drain and warm with pressing number cloude from the Fd. Stiff to moderate breezes from 5. 9 E. arring to 9 ly 6 and 54 to cloud up main topgallant earl and royal rand took as enigh reef in the main topsail with the watch for earnine rather blick shoot out reef and at the light pails all o'clock trook in port lower studding pail, apauler and gaff topsail and at 7 set spanker. Come NO. by M. (p.c.) at sunt of watch ship under all topsails trajecils and all plain pail to royale, easeps watcher clew of mainsail Distilling with banked free under brieville apputters at whal.

Drow 8 P. M. to Prid.

Suite to stiff brew from I by M. Fair and damp. Bucht starlight. Smooth ear Propriation required to grain at 10.00 and all main tripole at 11.00. By order of Emmanding Officer released of Schaffer Cappers at 10.00 for the night. At end of watch on conser N. D. by M. per Itandard, under all for and aft evil early giff topsail and all agrees wall early wather clear of mainsail and migree topsail. Distilling with Examined and found to be correct free backet under boiler B. appendices at the wheel.

J. B. Willow Seiten and M. & D. Seiten and M. & D. Navigator.

4-265

LOG of the UNITED STATES Thip Essex Phila Rute,
Making passage from Funchal Madeira to Yorktown Va.

	1	100	CIL	ing g	enesuge fun	· Januari	, ,	, 0000		0 0		1			, , ,			
F	1			Reading		WIND.				BAROMI	TER.	TEM	PERAT		State of	Forms of	Clear Oths.	se Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
	м.	63	8			CA 200									0 0			8
	1	6	4	89.5	NOt. by 94.	J. 9 %.	5	4	0	30.29	82	81	78	82	b.c.l.	cum sund	:5	5.
	2	6	2	95.7	1	50% by 9.	5	4	0	30.29	81	81	77	81	,		6	-
	3	,	3	2.0			5	4	0	30.28	81	81	77	81	,		6	
		6		8.0		"	5	4		30.28		81	77	81			5	
	4	6	0				4-5		1	30.28		81	77	81		-	5	1
	5	6	0	14.0			4	4		30.28		81	77	81	b.c.		4	
	6	2	4	19.4	"	9.80%	4	4		30.30		81	77	81			4	
-	7	2	7	25.1		J. 8 W.							1.		,	cir.cum.		1.
	8	5	7	30.8			4	4		30.32		81	77	81		eum.	0	
	9	6	3	37.1			4-5	4	0	30.32	81	81	77	81	,	-	7	
	10	5	9	43.0			4.5	4	0	30.35	81	8/	77	81			8	-
		5	9	48.9			4-5	4	0	30.35	82	81	78	81	,		8	
	11	,	'	. 54.9			4-5		0	30.32			78	81		-	8	
N	oon.	6	0	04.9			7-0	4	0	V . V N	- "	-	10					
							1,			-				-			-	-

35. 6 Dietaux	new by Patent Sog		
Course and distance	e made good since preceding noon by observations, M. Of by W. /194.	134 knots. ten	ths.
	Latitude by D. R.	24 ° 49' N. "	
	Longitude by D. R.	58 ° 30 'Oh. "	
Position at Noon:	Latitude by observations of ②	24°56' N. "	
	Longitude by chronometer from Forenoon Observations of ⊙	58° 29 'W. "	
	(Latitude by DR Lunn Now	24°46'W."	
Position at 8 A. M.	Latitude by D.R. from Norm Longitude by Observation 0	58°05'94."	
	(Latitude by D. R. fund Now	25°14'W."	
Position at 8 P. M.	(Latitude by D. R. fund Now (Longitude by Chemometer from afternoon observation of time, 7 knots tenths perhow, setting to the Not 1/6.	59002'91."	
Current during the	time, 7 knots tenths per hour, setting to the 1 3/4 6	,	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the C	ompass by Azimuth O observed at , "	0 , "	
Water expended de	ring the preceding 24 hours,	500 gall	ons.
Water distill	ed during the preceding 24 hours, -	891	u
Water remaining of	n hand fit for use at Noon,	1700	es
Coal consumed dur	ing the preceding 24 hours,		lbs.
Coal remaining on	hand at Noon,	122 " 1700	

P. M.			, ,		da 1 d			1,					0.	0			ca.
1	5	9	60.8	N W. ly W.	901. by 9.	4.5	0		30.32			,		b.c.	cir.cum.	7	LIN.
2	6	0	66.7	, 0	. 0	4.5	0	./4	30.33	83	82	78	82			7	
3	5	7	72.4			4.5	0	1/4	30.32	83	82	78	82	.,		7	
4	5	8	78.0			4-5	0	1/4	30.31	83	82	78	82			8	
5	5	0	83.0			4	0	1/4	30.29	82	81	77	82		cum.	7	
6	4	8	87.8			4	0	./4	30.28	82	81	77	82		cum wind	5	-
7	4	6	92.4			4	0	./4	30.28	81	81	77	81	b.c.l.		7	-
8	4	5	96.9			4	0		30.28						,	6	
9	4	3	1.2			4	3	0	30.30	81	81	77	81		-/	7	
10	4	1	5.3			4	3	0	30.32	81	81	77	81		-	7	
11	3	3	8.6			3-4	3	0	30.31	81	81	77	81			7	
Mid.	4	4	13.0			4	3	0	30.31	81	81	77	81			8	-
	1											,,					

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. bleav. Itiff here from S. S. and S.D. by I Occasional flactice of short lightning. Minder same sail as in preeding watch bruse N.D. by D. p.c. Distilling appointuic at the wheel.

From 4 to 8 a. M. .

Bair Moderate beezer from between & by by S. and S. S. D. On conce N. D. by D.

Queden same said as preceding watch. Distilling with file banked under briler B. Or end of watch a three martial selimen in sight about two points about watch watch ram standing to the SE. on standard tack. Appendices at which

Firm 8 a. On to Operid.

Dair. Fielf breeze from 9.99 h Bacometer riving. Dinished cleaning ship at 10.30.

(A) 5.30 cet galf topsail and at 100 clock set migar topsail. At 11.15 took single reef in maintail and set unstale clear. At ends of watch under all sails except suight ruf in the maintail on concers. N. M. Ly Ch. Appendicie at wheel. Distilling inthe frier backed under biler 13. Desuperature of magazine 53° 50° forward. 81°80° aft.

N. M. Coleman

From Merid to 499 M.

Sair to clear and warm. Morderate to stiff herry from 59h by 8 bourse
I Ch. by Ch. (p.c.) At 2 so took in and fulled migror topsail. At end of distrib on concer under all
acid barept suigh reef in the manual and migror topsail. Distilling with fire banked ender
briler B. 2 mg shall from Obest and moderate sear from J. Ch. appendice at the whele

Orm 4 to 8 G.M. Thentwart brown fun III. by 8 Fair and pleasant. Moderate and from D. 4 Ch. Dightning to 6th. No. and Ord last too home. Or 5.55 called all hand and carried at refing topicals. For this aimsto refer in topicals them made paid. Or end of writely on concer No. by by per Ibrahard, under all paid eacept or eingle ref in the macricial and miggin topicals. Opprentice as the whal. Distilling with five banked under balen B.

Dion 8 G. M. to Mid.

Directerant D. S. M.

Clear Struth to moderate breeze from & R. by G. Occasional florebest of about lightning. Conce N. Ch. by M. po. Mader same vial as in previous writch. appointered at the while. Distilling By order of Commanding Officer released from confinement from 10 P. M. to 7 a. M.

to morrow D. Schalfer, app. 300, because of excession heet.

Herrell Lintenant M. S. M.

Examined and found to be correct.

J. B. Weilton, Suitensut & S. R. Navigator.

Third Rate,

LOG of the UNITED STATES Thip Essex This Making passage from Funchal, Madeira to Yorktown, Va. 99. ly 9. b.c. l. cum mind 5 L. 92 14 30.34 81 81 77 81 3.4 3 3 8 16.8 3 3 14 30.33 81 80 77 81 19.7 9 2-3 2 1/23033 81 80 77 81 21.5 0 Nr. ly 94. 0 30.32 80 80 77 81 2 2 5 amil Or. by 9. 0 30.26 80 80 77 81 1-3 0 5 0 2 1-2 0 0 30.27 80 80 77 81 5 Italed is b.c.w. JOR 0-2 0 0 30.27 80 80 77 81 5 No steeragerray 0 30.28 80 86 77 81 6.96. 1-2 0 0 0 1 04. ly 91. 0 30.30 80 79 77 81 nimb. 1 0-1 0 0 b.c. 0 30.30 80 80 77 81 1-2 0 5 22.4 10 2-3 0 14 30.30 81 80 77 81 25.3 11 3 1430.2982 8178 82 2 29.5 Noon. 4

19. 9 Distance new by Log Course and distance made good since preceding noon by observations, AQL by 9. 294. 76 knots. 25 ° 35 '4. " Latitude by D. R. 59 0 39 '84. Longitude by D. R. Position at Noon: 25° 35' M. Latitude by observations of O 59° 40 '04. Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D. H. firm Norm 25° 30' N. 59° 31' 04. " Position at 8 P. M. {Latitude by S. H. from Morn!

Longitude by Chenometer from afternow observation of Current during the time, | knots tenths per hour, setting to the Gest. 25° 47' N. " Pointtion Deviation of the Compass by Azimuth O observed at 49.9%, , ship's head J. V. Ly W. 50 30' % 2 ° 36' %. " Var. used 7:00' %. Deviation of the Compass by Azimuth O observed at 49.90, 400 gallons. Water expended during the preceding 24 hours, Water distilled during the preceding 24 hours, 867 Water remaining on hand fit for use at Noon, 2167 1 tons 905 Coal consumed during the preceding 24 hours,

1	P. M.																	
	1	3	4	32.9	N OH. by Ob.	901. ly 9.	3	0	1/4	30.28	81	82	78	82	b.c.	civ.cum.	5	9
	2			36.4	.,	, 1	3	0		30.27						cum nuil		
	.3	3	0	38.1			3	0	./4	30.27	82	82	78	82	.,	٠,	3	
	4	3	2	Howled in		,	3	0	14	30.26	83	82	78	82	.,		4	
	5	2	9	-			3-4	0	1/4	30.28	82	82	78	82			5.	
	6		8				3.4	0	./4	30.29	82	82	78	82			4	
	7	2	0				2-3	0		30.30			,			-	5	
	8		4			g. g. w.	2.3	0		30.31			/				6	-
	9		0				1-2	0		30.30			,		b.c.l		6	
	10	1	0				1-2	0	1	30.30	81	80	74	81	"		7	
	11	1	0				1-2	0		30.30					٠,		7	
	Mid.	1	5			Pouth.	2	0		30.31						-	7	
													"					

121 " 895

Coal remaining on hand at Noon,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. College Light to gutte beyon from 80 by 9. shifting at about 3.50 to 1. by 9. and bringing unithing about, brand award on staboud take making about 1. by 9. by the wind September to the Orstward all things watch appendix at while Estimate.

Settling.

Serge R. Econic.

Ferrye R. Evanis. Energy V. J. R. Oum 4 to 8 a.M. Orm 8 a.M. to merid.

Colondy to fair and warm. Sight are from F.E. orring to 8. It by J. and university to get the breeze Denight slip on her course I've by M. (p.c.) at 8. 20. ast top gallant early repets and flying it and at 9.50 ast mains and missing topmast staysact, manisail and spraken. By rate of the Costain alland Prant Terner the Captain reading the service. Confinently his term having saprist. At 9.30 held in Ferner the Captain reading the service at the water manisail appendice at the wheel Dictilling with fire banked under boler 13. Temperature of magazine 23° 22° found, 81° 80° als. 81º 80: aft.

From Merids to 4 9.90 Swith bury from 50 by I blondy and warm. On cours No by I per Franchad under all for and all early each main typical and gaff topical and all equipme sail except a single ref in the manuals and neight topical. Distilling with fire bruked under boiler B. appendix at the while.

Gear Gentemant a. J. Dr. bleau. Troph to moderate breeze from II by I and III. Quide came axil as in preceding watch. Evere N. by Ch. (gr. Distilling. Appendicus at the whell Precell

Lieutenant U. S. W. June 8 G. M. to Mid. Dain. Light air from 9.90. List thre house about 11.00 a high breeze aguing up from about Guth. Guth swill fin the Guthward. On come V & by y, under each east as preclaing watch. Testilling application at wheel Baronto steady.

Sange R. Erawa,

Ensign I & 90

Examined and found to be correct.

J. B. Mo illow Tintenant & JON. Navigator.

Ensign U. F. Dr.

Thud Rate,

OG of the UNITED STATES Thip Essex The Making passage from Funchal, Madeira to Yorktown, Va. Direction by Standard Compass. South NO4. by 94. b.c. 2 0 30.31 81 80 77 81 2 5 Haulidino 3 0 39.2 0 2-3 0 0 30.30 80 80 77 81 7 0 30.29 80 80 77 81 2.3 0 cum. 0 42.0 0 30.29 80 80 76 81 3 0 45.0 47.9 3 0 14 30.28 80 80 76 81 2.3 0 49.8 14 30.29 80 80 76 81 cir.cum. 7 2.3 0 5 Hauledin 2.3 0 14303180 80 76 81 51.5 20 8 99. ly 9. 1430.33 81 80 77 81 1-2 0 9 7 Hauled w 1/4 30.3 4 81 80 77 81 1/4 30.3 5 81 80 77 81 1-2 0 7 9901. 2.3 0 11 0 0 30.35 82 80 77 82 3 0 South 51.7

				1 1
56 8 Distance	new by Log.			
Course and distance	e made good since preceding noon by observat	tions, A Q 5/8 94.	58 knots.	tenths.
	Latitude by D. R.		26°05'	N. "
n '	Longitude by D. R.		60°34'	24."
Position at Noon:	Latitude by observations of ⊙		26 0 12 1	1. "
	Longitude by chronometer from Forenoon C	observations of O	60° 30'	W. "
Desiries at 0 A M	Latitude by D R. Lum Nom/		26°07'	N. "
Position at 8 A. M.	Latitude by D. R. from Now (Longitude by observation 0		26°07'	el."
Desition at 9 D M	(Latitude by D. R. frm) Som Longitude by Chromoneter frm After		26° 19'	
rosition at or. m.	Longitude by Chronometer from after	now observations	60° 44'	91."
Current during the	time, 8 knots tenths per hour, s	etting to the N. N & /20	á.	
		ship's head	0 '	
Deviation of the C	ompass by Azimuth O observed at ,	ш	0 '	"
Water expended du	ring the preceding 24 hours,		400	gallons.
Water distill	during the preceding 24 hours	,	913	. "
Water remaining o	n hand fit for use at Noon,		2680	" .
Coal consumed dur	ing the preceding 24 hours,		/ tons /4	
Coal remaining on	hand at Noon,		120 65	5 '

P. M.	1																
1	1	50	55.4	J. W. Ly W	9.9%.	3.4	0	1/4	30.34	82	9/	44	9/	b.e.	cir. cum.	8	#
2	2 4		55.2	or w. rey w. 12 or.	0.0 %.	4	0		30.31					"		8	
3	4		63.8			4	0		30.29						-	6	4
4	3	0	66.4			3-4			30.29			' '			-	4	
	1	6	67.9			1-2	0		30.29							4	
6			Hauled in.	-	,,	0-1			30.29							4	-
7	0			1 101/0	d a	0-1			30.29					1		6	-
9		4 5		N. N. Oh. 1/2 Oh. N. Oh. 1/2 St.	\$ Q.	0-1			30.32						Cum ninet	7	-
10	0			NO4. by N.	"	0-1			30.35			4			cum, quesco.	7	
11	0			N. N. E.		0-1			30.37			1 .			cum.	8	
Mid.	0	4		A Ok by St.		0.1	0		30.37							8	
-																	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Generally clear and pleasant. Sight airs to gentle breeze from South Barmeter falling. Dictant lightning to 3, 4 % at not of watch under plane sail to enjule and all togomest stayeally on come & 9, by W. apprintices at which Dictilling.

Drow 4 to 8 a. On Generally clear and pleasant Light to gentle been from F. Jan M. J. on concer N. Ch. by Ch. (p. c.) under all eacept as engle welf in moderall, suggest topsail and gaff topsail Dictilling with fire banked under bother 13 apprentices at the wheel

From 5 a. M. to Merid.

Light aire to gentle breeze from FM. by S. to South Frair and warm. Muetered crew at quarters at q. 30. at 10.10 called all boards and alifted for and main topeacle. At 10.40 at the port studding earl and at 11.30 the meyor topeacle. Board down the main topeacle at agraed at q. 00 for repairs. At end of watch on come N. M. by M. yer Standard under perh studding earl for and aft earl except main topeacle stangard main tripall and gaff tipeacl and all equareral except a single set in the mainsaid. The following perinchmute ware awarded: J. S. Daire apparation early another by in ranke: B. a. Brush, app 3.cl. willful decolorine of orders. F. Pergress app 3.cl., came: 3. Stand app. 3.cl., stanger and class during lookent a brown eather during to the form to a the same eather during to the form the order turning in which we are a land, 4 hours eather duty. S. D. Frenney app. 3.cl. efficieng to born the order of turning to which we add head, 4 hours eather duty. S. D. Frenney app. 3.c. efficient to be shown and the sound of the same approach and the which the sound sound of the sound of the land of the sound of th

Diens Pheid to 4 P.M.

Clear Sentle to moderate been fine F. F. O. 21. 12. 45 took in lower studding earl and mission toperate and set gelf toperate as 2. 15 hauled up wrather clear of manifect on account of bress dual to them another stack. At 12.30 changed course to N. V. b. Ch. 12. Ch. pe Bad bag unspection of appendicular and made and clothing and small store requestion. Distilling Ander all plane sail to royale eacept wrather clear of english rested manifest trather into stayorable (man topmast set at 230). Appendicular at the whall it 40 choir hauled in potent ig, registering 53.8 h.

From 4 to 8 P.M. Dair Day light aire from \$ 90% to 90% by 24 last home Backy steerageway at end of water Dendew same sail we preceding water until 5.35 when class object to officially and fulled light sails; then made sail to topeails and loved light sails; then made sail to topeails and loved light sails. At 6.40 took in expanher and gaff topeail. Come A.M. by 94.12%. Appendices at what Thetilling.

Serge R. Erawa,

Serge R. Erawa,

Suign & Suign & S.M.

Own & G. M. to Mid.

Dair. balm to light aris from & Barnetir awing. At 100 clock stopped distilling and alland fries to die and under bales B. At 8.30 torse in main and migger topmach staysails, and les elser of manwall Ut end of watch under typeals, fortopmach staysail and jet, heading At & Conse.

A M by B. Is Wilson appendix at while.

Examined and bund to be correct.

Suitewant U. & M. Navigator.

LOG of the UNITED STATES

Third Rate,

Making passage from Tunchal, Madeira to Yorktown, Va Porth 0 30.33 80 79 75 81 b.c.l. NO4.12 N. A 0 5 Hauled in 0-1 0 be. 4 0 4 0-1 0 0 30.30 80 79 75 81 J. Ol. 1/2 Ob. 0 30.29 80 79 75 81 0 0 30.27 80 79 75 81 0 30.29 80 79 75 81 b.o.m. 8 No stewageway 0 0 8 0 0 0 30.29 80 79 75 81 9 0 cir. 9 0 0 30.29 80 79 75 81 b. J. M. Ly N. 1 0 1/2 30.30 80 79 75 81 10 0 N. N 9.12 94. 1/2 30.33 80 79 75 81 b.c. 1-2 0 cir. eum. 2 9 Otest 1/2 30.34 80 79 75 81 A by 94. 9 4 2-3 0 10 2 0 12 30.33 80 80 76 81 11 Ot. by 9. 2 1/2 30.31 86 80 76 81 N.NO4. Noon.

27 2 Dietau	ee new by org.	
Course and distance	e made good since preceding noon by observations, My. /2 J.	30 knots. tenths.
	Latitude by D. R.	26° 27' W" 60° 52' %"
	Longitude by D. R.	60°52' %. "
Position at Noon:	Latitude by observations of ②	26°32' A."
	Longitude by chronometer from Forenoon Observations of ③	60°50' Ot."
Date and A M	Latitude by D. R. furni Normal Longitude by Obstantion O	26°27'
Position at 8 A. M.	Longitude by Observation O	60°49' %."
Desition at 9 D M	Latitude by D. R. from Norm/ Longitude by Chanamater from Afternoon/Observations O time, 5 knots tenths per town, setting to the N by E 1/4	26 0 44 1 11 "
Position at 8 F. M.	Longitude by Chronometer from afternoon Observations O	60°48' Oh."
Current during the	time, 5 knots tenths per hour, setting to the A ly & 1/4	ć.
Deviation of the C	ompass by Azimuth O observed at 4 P.M., ship's head Julia.	6° 55' W.
Deviation of the C	ompass by Azimuth O observed at 4 (P.On., " N/2 OV.	0 ° 16 ' " Tav. used 6 57 'Oh.
Water expended di	uring the preceding 24 hours,	400 gallons.
Water distill	during the preceding 24 hours,	320 "
Water remaining of	n hand fit for use at Noon,	2600 "
Coal consumed dur	ing the preceding 24 hours,	tons 1700 lbs.
Coal remaining on	hand at Noon,	119" 1195 '

1																	
P. M.		~	Handed in	J. N. W.	Ok. ly 9.	0-1	0	,	30.28	91	0/	77	0+	b.c.	cir. cum.	0	9
2	1	0	baded w.	It by Ch.	Otest	0-1	0		30.26						or com.	9	
3	1		".	,		1	0		30.27							9	
4	1	4	~	,.		1	0	1	30.27	81	81	77	82			8	
. 5	1	7		North		1	0	2	30.29	81	81	76	81		cum.	7	
6				N 1/2 6.	Oh. ly N.	2	0		30.27							5	-
	2		/-	N by &.	0	2	0		30.26					,		6	"
	2		"	N/2 04.	Oh est.	2	0		30.25					0 0		8	-
10		06		North	01. ly 1.	2	0		30.29					b.c.l.	am umb	5	
	3			Ji/2 &.	7	2-3	0		30.30					,		4	-
Mid.				N6.	104. ly 1.	2-1	0		30.30							5	
					9					11		'					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Dair to clear, winth have avound the horizon Sightning first home to the Sid. and 6d. balue and light airs Jew South bours N. a. a. b. 1/2 b. 1/2 c. Ship heading I b 1/2 N. and N. b. 1/2 b. 1/2 b. 1/2 b. during watch with backy steerageway at hid of watch ship with no steerageway under topeails, foreail jib and for thopmash stalpail. Heading wight last how standing to the N. d. and Old appendice at the while. We flaperton.

Own 4 to 8 above until last low, then light raise from Dr. 9 ch. Generally clear and placeast. I set in foresil and for topmast stayant at 4.30. At 9.30 made sail to rapide at end of watch by the visual, on post tack bushing & the red is under main and might topment stayant and plain sail to engle early a single need in maintail apprentices at the wheth

From 8 a. M. to Merid.

School Sight airs to quetle brees from Ch Fet. to Check at 9.30 mustered at quarters after which the appointers were Exercised at enose state small arms and justle and instructed at give stations and gurney Engaged in painting inside of railing and atting up standing regging. Concerts the light 1/2 M. p.c. Under same shil as in preeding watch. Appointered at the local Exercised extended at small arms, one how the appointment of James Tonigan also was unsured from the room inch. For air months. Tested magazine flood excite much decide and found them in working order. Designature of magazine 84° 83° formed, 84° 83° aft.

From Phenol to 4 P. M. Selean and warm wrather Eight air from the Observat Baronette falling elightly. Concer N. by Ch. 1/2 Ob Ouder same, said at preceding watch, full and by in part tack.

3th period dills, marburlpike examanchip, 4 to period grunny 5th period gymnectics. Appendice at what.

From 4 to 8 P.M. Seight and to light breeze from Chest to Ch by A. At end of writch under enner sail as preseding writch brading 1/20. Concerts by by O. 124. Appendixes at which

Orom & P. M. to Phid.

Orair and pleasant Lightung to Nd. and Ed. and to the Nit and Old Light to gentle breyer from Oh. by N. evening to NO. by N. by end of watch and I 1.10 took in and fuiled royale and flying flt. at 11.15 hauled up harmedit and hauled down main and muzum topment stangale. At 11.15 which came me alead and headed chip off to E. by N. at 11.45 took in appropriate and topgallant sails. At end of watch ahip of to E. by N. at 11.45 took in appropriate topyants stangail, toppands, foresail and enigle needed manisail. Concer N. by N.

Examined and found to be correct.

J. B. We ellow, Lewtenant W. S. M. Navigator.

432 Leutenant U. S. W.

LOG of the UNITED STATES Thip Essex Third Rate, Making wassage from Tunchal Madeira to Yorktown Va.

			Reading	V	WIND.				BAROME	TER.	TEM	PERAT	URE.	State of	Forms of	f Clear 10ths.	of the Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of th
A. M.	22	5	Hauledin	Ji E. guth	94. by N.	1-3	0	0	30 2.0	70	80	76	94	b.c.l.w.	C	4	8
2	1	8	50 audea no	F. F W.	7.09	2.4								belung		6	
3	2	4		9.901:1404.		3-4	2							b.c.9.w.		4	,
4	2	0		804:1404.	NO. by W.	3-4	2							b.c.l.w.g.		6	
5	3	0	67.9	901:12 04.	Je. 0	3-5	3	3/4	30.23	79	80	76	80	b.c. p.g.l.		5	
6	3	0	70.9	Oh. 1/2 9.	A by 24.	3-4	4		30.24						eim.	5	
7	4	1	75.0	It. by A.	North	4	4	3/4	30.24	79	80	76	80	b.c.	cir cum	- 4	
8	5	0	80.0	913/4 N.		4	4	3/4	30.24	79	80	76	86	"	cam.	5	
9	3	6	83.6	Of: 12 St.		3.4	4	1	30.26	79	78	74	80	b.c.p.	cum nine	4	
10.	2	8	86.4	N 94. ly 9 /294	N. ly E.	3	3	1/2	30.26	79	78	74	80	b.c.	cum.	7	
11	2	0	.88.0	OH. J. B.	.,	2-3	2	1	30.26	80	78	74	80			6	
Noon.	.1	5	Harled in	94. by N.	North	2	2	1	30.26	86	79	75	86		Cummini	43	

54.8 Distance run by Log Course and distance made good since preceding noon by observations, NO4 by W. 1894. 18 knots. 26 0 40 ' . " Latitude by D. R. 6100 10 . 04. " Longitude by D. R. Position at Noon: 26 0 39 1. " Latitude by observations of O Longitude by chronometer from Forenoon Observations of ② 61 007 194. " Position at 8 A. M. Latitude by D. R. fun Now Longitude by Observation 0 26 ° 40' N." 60 °50 '06." Position at 8 P. M. { Latitude by D. R. from Noon Oftenson Observation O 26 ° 33 'N. " 61 ° 31 '04. " Current during the time, 3 knots tenths per hour, setting to the & 96/4 &. 5 ° 50 ' 04. Deviation of the Compass by Azimuth O observed at 80.9%, " 2 0 46' W. " Var. used 6º 30' W. 400 gallons Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, 2200 tons 5/0 lbs. Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 119 " 685

P. M.																
1	3	0	88. b	Q1. 1 21:1/2 Q4.	N by 6.	3	3	1	30.26 8	0 79	74	80	b.c.	cir.eum.	6	3
2	2	5	90.1	Qt. ly &.	North	2.8	2		30.26 8				"		6	
3	2	5	92.8	9/2 8	N. ly 21.	2-3	2		30.258					cum.	8	-
4	2	5-	94.1		.1	2.3	2	1	30.248	0 78	72	80			6	
5	2	0	Hauled is.			2	2	1	30.25 8	0 78	72	86		cis.cum.	6	-
6	1	8				2	2	1	30.257	9 78	72	80			8	-
7	2	0		O4.14 8	"	2	2	1	30. 27 7	9 77	71	80		stial.	8	".
8	2	2		Q1.1/2 9.		2.3	2		30.28 7				, .	"	9	-
9	2	3			1	2-3	2	1	30.26 7	9 77	71	80		cum simil	8	
10	17.7	0		O4:14 8.	,,	3	2	1-	30-267	9 77	71	80			8	-
11	3	8	-	,	,	4	3	1	30.26 7	9 77	71	80			8	-
Mid.	3	6	94.1	**		4	3		30.25 7					-	8	"

J. B. Mo illon, Leitenant M. S. N. Navigator.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Midnight to 4 a.M. Sight aire to moderate been blowing in puffer and ruing from the by the to A ON. by the Party and pleasant Tomosth sea Sightning during part of watch generally to the Ed. Between 12.15 and 12.40 wor ship, brugging her by the wind on starband tack. The spanker at 12.35. We end of watch under jet for topmash staypail, foresil, for and main topsails and spanker. Apprentice at the wheel. Gen Roleatewark Dr. J. 9. Prom 4 to 8 a.m Blear Tightung fiest two homes Igually and passing almore full home. Sentle to stiff here from No. to North. at 6.15 abook eingle ref out of maneail ask main and mujour topmark staysails and made all plain sail to rysle. Under this sail at end of water, bonus No. by No. 1/2 (p. appendice at the what. Hervell From 8 a. On. to Merid. Leutenant U. S. M. Thertund sail to a present equall at about 900. If 9.30 meetered and No. 12,6. Theretay barmeter Thertund sail to a present equall at about 900. If 9.30 meetered at quarter after which continued divisions in seamously at about 10.30 sighted as steamer broad off weather quarter structuring to the Objectional. No victed colors with code permant and S. J. D. Answerd by steamer which therefore changed course and bor down upon us. Prade International B. J. D. Answerd by steamer. At about 11 rs steamer staged attent of any love to and sout what he will be first and mail. The steam poor to be the English steamer Slaudelays, I have few the Canadies to Galance of all the confidence of the steamer Spand of the steamer Spand of the steamer of the steamer and any Spand of Spand Spand of at the wheel Temperature of magazine 84° \$2° forward, 83°82° aft. Ferge Kleonis. Gusign Qu. In. Our Meid. to 4 G.On Fair. dight to gentle brew from I by E. to I by W. Baronetic falling elightly. Alland the loyer their bayer for hering and murling. Friend and clothing and small ctore to the appendice. at 12.8 changed concerts I 91/4 B. At end of watch under plain sail to expels and all topment staypails, heading O. 12.8. Come I 9-14 B. appendice at wheel. at 10 close put on potent log reasons & 5. O com 4 to 8 4.90 blear and pleasant. Fight breyer from It. by It. Onom set at 7.35. at 5.45 trook in and fulled toppgallant sails and mayele, and took single reef in toppails; shook on reefe and made sails to regals. Comes I 8.14 (h (pc). at end of watch ship by the wind on starband tack under all topmail staypails and all plain pail to royals. appendice at the wheel. Dim 8 (4. M. to Mid. Fight to moderate been from ch. by W. Fair and pleasant. Formal sea. Bright starlight By the wind on starband tack under all staypards and plain sail to royale. But me patent by all 12.00 nading 94.1. appointed at the whell. Geork Deach, approved Leitenant W. J. M. Jones Timesles & N Examined and found to be correct. Loundy.

4-288

Data missing Technical Error

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to & a. M. .

Leav. Passing shown third how. Stentle to moderate brew from

Jo by M. to J. E. by A. Come N. M. (pt.) Under same sail as in preceding watch apprentices at
the wheel.

From 4 to 8 a. M. Leutewark league from N. N. M. to N. N. E. Baronete range slowly.

Ory morderate sea - muse N. M., by the unit on the starbard tack under plans sail to royale, and all stayouls. I ork in again and flying jet to a passing squall at almost 4.30, then set them again. appendice at wheel Northing in sight.

Songe Kanna.

From \$ 6. M. to Merid

Dair Moderate to stiff buzz from N. N.E. to N.E. varying at three in

frow and direction Baronter rising at 9.30 took in royale and hauled down flying it.

at 9.30 mustered at quarters and inspected apprenticed after which the appearance were
instructed by direction officers as follows: 14 Director, magazine: 2rd Director magazine; 3th

Director quartery. Partice Directors givenery and broadswords at each of watch und plain

said to toppallant such and all topmust stayeacle, on concer N. Apprentice at wheel Competition

of magazines 85°84° forward, 83°82° aft.

From Merid to 4 9 M. — Dair and pleasant, with rain aquille around horizon Mordinal to stiff breze from NE Come to M. S. periode another the brace at acquale: 4 th and 5th periode writed writed modern at acquale: 4 th and 5th periode writed writed apprentice in the use of the implemente in the brace. Mordinate auxil and sea from N. NE. Or level of writed ship on the conser under came acid as at end of preciding writed except topgolant pails. Apprehitices at the whele By other of the Captain the lating apprentices of Charles Orleiler, Nitter 2th class, was remember for keep morting from this state. For him toppolar acids it 3.50 to a naw aquall.

From 8 PM to Mid.

- Clear Stiff breeze from NE by A. and NE Plender same cail as in presenting watch. Course Not por Chap era appendices at the while Purcell.

Tientenant U. S.A.

Examined and found to be correct.

J. B. M. illow, Lieutenant U. S.M. Navigator. Ship Essex, Thir m Aunchal Madeira to Yorktown Va

Third Rate,

			Reading	()	WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	Forms of	Clear Jths.	of the Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of th
A. M.	58 4	8 9	9.5	Sr W	N6.	4.5	4	1/2	30.30	78	77	73	80	b.c.	cum ninto	. 6	n
2	4	5	14.0	,		4.5	4		30.29					,,	"	6	
3	4	9	18.9			4-5	4		30.27					0"	-	7	
4	4	5	23.4			4-5	4	1/2	30.26	77	76	73	78	в.с.р.	"	5	"
5	5	0	28.4	N O4:12 OU.	N & by N.	4-5		3/4	30.26	77	76	73	78	"	".	4	"
6	4	8	33.2	J. W. L. W. 12. 04.	6 4.5	4-5	4	3/1	30.27	77	76	73	18	b.c.	cir cum	4	"
7	8	7	38.9	NOW. 2/4 Oh.	V.16.	4-5	4	3/,1	30.32	77	76	7,3	78	"		6	-
8	6	3	51.1	S &	16	5	4	1	30.35	77	46	72	78			6	,
9	6	5	56.6	01 14.	"	4.5	4		30.35							6	
11	5	8	60.2	"	,,	5	4		30.35					.,	"	6	
Noon.	6	0	65.9			5	4		30.35					"	-	6	1.
			'									1					

122. 8 Dietoure pur by Patus Gry .
Course and distance made good since preceding noon by observations, Ny by W. W. W. tenths. 122 knots. 27026'4." Latitude by D. R. 64° 46' W." Longitude by D. R. Position at Noon: { 27027 1. " Latitude by observations of O 64 ° 45 '94. " Longitude by chronometer from Forenoon Observations of O 27°16 'N." Position at 8 A. M. Latitude by D. M. from Now Longitude by observations O 64 021 '91." Position at S. P. M. {Latitude by D. M. from New Actuary Companies of Current during the time, I knots tenths perhodar, setting to the J. E. Ly M. Beriation of the Compass by Azimuth © observed at EAM, ship's head M. M. J. M. 27 ° 54 ' N." 65° 28' W." 3 0 47 94 2 0 07 'Oh. " Var. used 5:00 94. Deviation of the Compass by Azimuth O observed at & Q.M., 400 gallons Water expended during the preceding 24 hours, during the preceding 24 hours, Water Water remaining on hand fit for use at Noon, 1400 " Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 119 " 90

-	1	T	-		-	T	-							BARRIER STATE			1
P. M																	
1	5	4	71.3	Jo 94.	N6.	5	4	1	30.33	79	79	73	78	b.c.	cum.	7	9n.
2			76.7	N 91.12 N.		5	4	3/4	30.32	78	78	72	78	"		7	
3	5	5	82.2			5	4	3/4	30.32	78	78	72	78	-		6	
		8			.,	5	5	3/4.	30.31	78	78	72	78		cum .nimb.	5	
5	6	6	94.6	,.	N 6. by 6.	5.6	5	3/4	30.31	78	77	73	78			6	6.
6	5	9	100.5	N. 04:14 N.		5.6	5	3/4.	30.32	78	77	73	78		cum.	6	
		3	6.8			5.6	5	1/2	30.33	78	76	72	78	"		7	
8	6	2,	13.0	N 94:12 N.		5.6		1/2	30.33	78	76	72	78			8	.,
9	6	0	19.0			5.6	5	1/2	30.35	78	77	73	78	.,		8	"
10	6	1	25.1	,		5.6	5	1/2	30.36	78	77	73	78	"	-	8	
11	5	8	30.9		6.86.	5.6	5	1/2 .	30.36	78	77	73	78			8	
Mid	. 5	4	36.3		6. by N.	5-6	5	1/2	30.36	78	77	73	78		-	8	
					-												

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Dair Gentle to stiff breezes from NE Between 3.30 and 4.00 passing showers Baronster falling. Moderate sea. On course NE Under plain exil to topgallant sails and all stayands affirenties at wheel.

Storye R. Eronge. George R. Evans. Ensign U.S. N Demo 4 to 8 a. m. Daitly cloudy with light spacing equally during first how, clearing towards latter space of watch. Modulated to stiff here from No. ly. to A. 6. 13 arouster rising slightly. as 60 clock set rysly and flying jit. at each of watch under place each to royall, with all topmash staysall, heading N. b. y N. Conser N. M. appendices at wheel. From 5 a. M. to Merid. Fair and pleasant. Ftiff buyer from NE. Lower scude passing over rapidly Quesign Qu. S. M. from No. upper ecular from Th. Conser Noth (pe) at 9.30 mustered at quarters after which was been a Secural Quarters and the Dienceme were ready in the following times. After Conten Dienceme 1 mine, 55 are; Forward Partie Dienceme 2 mine; 50 are; 3rd Dienceme 2 mine; 50 are; 14 Dienceme 2 mine; 25 are; and 2 of Dienceme 2 mine; 50 are; all ready in 2 minutes 50 areads.

Secured at 9.38. At 9.44 counted to General Direction again and the following were the times: after Partie Dienceme in 350 areads: in 50 presents in 50 presents. Dienceme in 1 mine; 10 are; 2 the Dienceme in 30 are; 12 Dienceme 1 mine; 35 are; and Thoughton Dienceme in 1 mine; 40 areads All and Theory of the second of the presents of the second of the sec in 1 minute 40 accorder At 9.46 Exercised 2rd period all blands accuped epair. By order of Captain plant 9.5 Rosaw (App 3c) in solitary confinement, on briad and water for their days for Reglect of dity and "disseprented to his supplier of fair. Product as from 16. Appendices at the what Alghan tools in what A the what Alghan tools is written in course independent starts and all plain pail to toppellant starts, with flying jet Temperature of magazine 84°84° forward, 83°82° aft of Appendican. Oun Merid. to 4 G.M Stiff been from NE. steady in four and direction. Fair and pleasant. By order of Commanding Officer clauged concer at 12.30 to N. M. h. N. per Standard Wend of watch under flying jub all stangards, and plane sail to topgallant pails, on the stanboard tack, just making her course. appectives without a contract of the course. Appective withouting clothing apprehiment of the whole. Geo. Rolack Oum 4 to 8 J.M. Lieutenant W. J. N. Show Fiff to free breeze from N.E. by E. At 5 to took single ref in topsails and set topgallant each over Fulled flying jit breeze N. W. b. N. pc. M. 740 exercised at fin quarter at and of water under all staggalls conses, single reflect topsails, topgallant each, jih and spanker. appendices at the wheel. Then clop sea. 1 Purcell Luitewant U. F. M. Prime 8 4. M. to Mid. Enight starlight. Fresh, moderating to stiff been from No. by E. vering to E. by N. at end of watch. Baronetw rising slightly lithung which. On course N. N. h. W., under same said as at end of pureduig watch appuration at which.

Jeorge R. Essue. George R. Essus. Eneign W.S. N.

Examined and found to be correct.

J. B. Me illow, Sunternant M. S.M. Navigator.

Third Rate,

OG of the UNITED STATES Thip Essex The Making passage from Funchal, Madura, to Yorktown, Va A. M. 6. by N. b.c. 8 90 So O4:12 A. 1/4 30.35 77 76 72 78 41.6 5 5 14 30.34 77 76 72 78 47.3 5 8 0 30.32 77 76 72 78 East. 4.5 0 30 31 77 76 72 78 14 30 30 77 76 72 78 14 30 30 77 76 72 78 4-5 7 8 57.4 5 61.9 3 3 66.9 6 4 1430.31 77 76 72 78 3 71.6 7 76.6 4 3 14 30.32 77 76 72 78 8 6 3 0 30.32 77 76 72 78 4 8 81.4 4 3 0 30.33 78 76 72 78 85.1 10 3 0 30.33 78 76 72 78 88.5 11 0 30.33 78 77 73 78 Noon. 4 92.5

128 . 6 Distance new by Patent Log Course and distance made good since preceding noon by observations, AQL /2 94. Latitude by D. R.

Longitude by D. R. Position at Noon: Latitude by observations of O

Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. Latitude by D. M. firm None Longitude by observation 0

Position at 8 P. M. Latitude by S. N. Junn Wrm/
Longitude by Chromothy Junn afternoon observation o

Current during the time, 3 knots tenths per hour, setting to the N. N.

Deviation of the Compass by Azimuth O observed at 8 0,0%, ship's head JV W. 3/49/

Deviation of the Compass by Azimuth ⊙ observed at & Q.M., "

Water expended during the preceding 24 hours,

during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

/32 knots.

280 48' 4." 66 0 37 ' 94."

28 ° 50' N. "

66°39'QL."

28 ° 37 ' N. " 66° 25' 04. "

29°07' N."

67°00'01."

4005'04

1 ° 40' 0/ " Var. used 5.00' 91.

400 gallons.

1000

tons 595 lbs. 118" 1735 "

						T											
P. M.	2	0	94.5	NO4-12 N.	2 -4 -2									0		1,	
1	1	0	95.5	NO1.	6.96.	3.4	2	0	30.33	79	77	73	78	b.c.	cum.	6	6.
2	3	0	98.5			3.4	0	0	30.30	79	78	74	78	"		7	
3	3	1	1.6			3.4	0	0	30.29	79	78	74	78			7	
4	4	1	5.7		6. by 9.	3-4	0	0	30.29	79	78	74	78			8	
5	4	1	9.8		"	3	0	0	30.29	79	78	74	78		"	7	
6	4	1	13.9			3	0		30.30							7	
7	4	0	17.9			3	0	0	30.32	78	77	73	78			7	
8	1	8	18.6		96. ly 6.	1	0	0	30.33	78	77	73	78		,	8	
9	2	8	Hauled in.			3	0		30.30						,	7	"
10	3	0	21.0			3-4	0		30.29		1			•	,	8	"
11	3	0	23.7			3-4	0		30.29							8	
Mid.	2	5	25.9			3.4	0		30.28							8	
										''	1	'					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a M Partly cloudy. Bright starlight . Itiff to moderate hery from E. by N. to East. Barometer filling. at 12.13 about hery out if topsals. At ends of watch under plane pail to topgathant leads on come N. N. 2. N. appendixes at the why.

First & O. Pm. to Cherid.

The dwate to gentle brey from East and E. by S. Fair and pleasant Chere swell. Aind bridding Sit starboard studding sail at 10.30, majzen topeail at 11.20 and took in eparker at 11.50. A such of watch on course I M. Is N., per Itandard under starboard studding sail, all starpails and falain sail to noyals except expansion. Apprinterior at the whole. Semperature of magazine 83°82° forward, 8°8'281° aft.

The Reserved Cherid.

Fine Oneid to 4 99. Sintewart Ob. IN.

Clean Service to moderate brezy from E. FE. and E. by F. Ot 12.15 haved down for and main topmach stayeaily with this exception under earn each as at end of preciding water. Comes changed at 12 40 to 18 M. p.c. Orendung and second day. appendices at the wheel.

Dum 4 to 8 P.M. Leistenant W. & M. Eleistenant & M. Eleistenant W. & M. Eleistenant & M. Eleistena

Dem 8 P. M. to Mid.

Shew and pleasant. Bright starlight. Thom set at 10.05. Moderate to light heere from 56 by 6. Various falling elightly. By order of Bommanding Officer released Phlama app. 3. cl. from confinement with y a. M., is account of the heat. At hid of watch under git for topmast staysail and all aquair sail to wyale on course N. M. appendices at the wheel

n. A. Colsman Eurige W. & M.

Examined and found to be correct.

J. B. Meillin, Suitewant (1) & Navigator.

LOG of the UNITED STATES

LOG of the UNITED STATES Thip Essex, The Making passage from Tunchal Madeira to Yorktown, Va.

Third Rate,

Direction by Standard Compass. \$6. 0 30.28 77 76 73 78 b.c.w. cum Ju W. 2.3 0 2 3 27.6 0 30.26 77 77 74 78 0 30.25 77 77 74 78 0 30.24 77 77 74 78 2-3 0 2 6 29.6 7 2-3 0 4 31.4 76 J.986. 2-3 0 3 32.6 2.3 0 0 30.2477 77 74 78 6 Hauled in 2-3 0 0 30.22 77 77 74 78 2 0 0 30.23 77 77 74 78 20 2 0 0 30.24 77 77 74 78 3 0 0 30.26 77 77 75 77 7775 0 0 30.28 77 77 75 77 3 10 3 0 0 30.28 79 79 76 77 3 0 0 30.27 79 79 76 77

64 8 Dist	aurenew by Log	
Course and dist	ance made good since preceding noon by observations, AGL by	94. 66 knots. tenths.
	Latitude by D. R.	29 °30 ' N "
n	Longitude by D. R.	29 °30 ′ N " 67 °35 ′ N. "
Position at Noo	Latitude by observations of O	29° 25' N. "
	Longitude by chronometer from Forenoon Observations of	0 67° 39'94."
Danition at 9 A	M. Latitude by D. R. from Norm Longitude by observation O	29° 20' M. "
		64° 32' W. "
Position at 8 P	M. Latitude by S. R. from Noon (Longitude by Chienometry from) afternoon observate the time, 6 knots tenths per hour, setting to the F	29°20'W." 69°32'QL" 29°46'W." 68°07'QL"
rosition at 0 1.	(Longitude by Chimmeter from afternoon Observation	nio 68° 07'01."
Deviation of th	e Compass by Azimuth O observed at & a. M., ship's head &	9. 12 St. 3°39' Dr
Deviation of th	e Compass by Azimuth O observed at PA.M. , "	
Water expende	d during the preceding 24 hours,	450 gallons.
Water	during the preceding 24 hours,	u ·
	g on hand fit for use at Noon,	550 "
	during the preceding 24 hours,	tons 425 lbs.
Coal remaining	on hand at Noon,	118 " 1310 '

						1												
P. M.																		
1	2	5-	Hauled in	JUW.	9.96.	3	0	0	30.25	79	79	7.6	77	b.c.	cincum	3	m.	
2	3	6	36.2			3-4	0		30.20							6		
3	4	0	40.2		9. ly 6.	3-4	0		30.18							6		
	4		45.0			4	0		30.17							6		
5	5	0	50.8		South	5	0		30.17							6	.,	
6	4	8	54.8	,	9.9.94	4-3	0		30.17							6		
	4		59.4			4-3	0		30.18									
			63.8			4-3	0		30.19						cum.	6	.,	
			69.3			4.5			30.18						cir.cum	5		
10			74.9		,,	4.5	0		30.18				/ /		,	6		
			81.0		9.94. by 9.	4.5			30.18					,	"			
			87.5			5-6			30.17						ium. runit		-	
			'						, ,	,	1.	'	"					
																	and the last of	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a.M. Generally clear and pleasant. Sight to gentle been from SE varing to 9. FE. Conver 18th (pc) at 1.0 clock liabled top maintail, at eld of watch ship in her course under all plain said to royals, easily manifely and aparties. appendices at the wheel.

From 4 to 8 a.m Sentle to light heeze from I. 9.6. Fair and warm Invote sea Set port studding sail at 4.30 And habled down flying jit at 7.30. At end of water or cruse Not par Itandaid, under port studding sail jit and all squae sail eacept manuail Itaited fires under boiler 13" for distilling at 8.00 Reconfined P. I. Rowaw, App 3cl at you. Hauled in patent by at 4.00 reading 32.6. appointing at the wheel.

From 8 a. M. to Merid Leutenant U. S.W. blear. Gentle bruge from 96. and 9.96. Or 9.30 mustered at quarters Commanding Officer inspected cew and chip and then beld Dirne Service Or 11 to get starband clew of manual, I and 11 30 migrow topmach stayial, with their arbitrary under name sail as at end of preceding with active for Better borromment of the Pary were read and General Muster held appreciation at the wheel. Comme No. (pc) Commenced distilling with banked five under boiler B. at 11.30. I imperation of magazine 53° 82° forward, 82° 81° aft.

Prom Merid. to 4 9.9 falling On come NON. under sail as preceding evited Distilling with fice bruked under follow B. a short 2.30 changed concer slightly to Observed for fire munites the clear the three masted Thomas blace I. Chilen of Drochester N. B. Standing to the Inthone and Sectional on the etasband tack appetric at which bondened by limitely Brazed of Benny 25 lbs died fruit obtained from the Contractor J. D. Rouke Jamany 1893, with becommendation to their the same ordered as being prejudiced to the health of the ships company which on appeared of the Captain was duf careated.

Feorge R. Cours, Dion + to 8 9. M. Gatly cludy and pleasant. Ftiff to gentle brew from South to 9. F. Baroneter rising. At 5 30 took in muzew topsails and set expansion flying fit, for and main topoment strumpts (1655) stayouth. At 5.15 tross in part love studding earl. At end of wotch under plain earl to egale eacept wratter clew of manical with all topmach staysails on conce A. D. appentices at which. Distilling with files banked under biler B.

Gusign U. J. W by I. Come A V. (pc) Now set at 11.15. Low scude passing our rapidly from I. I'll and I'll.

ly I. Come A V. (pc) Now set at 11.15. Low scude passing our rapidly from I'll and upper
whe from N. V. at end of watch ship on his course under all topmark stanguals sand sell plans
sails to regal easily watch clew of manical. Sixtiling with free banked under briles B. liggonateur
at the wheel. Oum 8 P.M. to Prid Waserlow,

Examined and found to be correct.

J. B. Me illou, Leutenant (U.S.M. Navigator.

Leutewant U.S. n

LOG of the UNITED STATES

Third Rate,

OG of the United States Ship Essex The Making passage from Funchal Madeira to Yorktown Va. 9 04. ly 9. 14 30.15 78 78 75 78 b.c. cum. winb. 3 M. 5 6 8 94.3 4 " 4 1430.13 78 78 75 78 1.0 5 5 4 1/2 30.10 78 78 75 78 7.7 1/2 30.16 77 76 73 78 b.o.g. nimb. 5.6 3 14.1 12 30.09 77 76 73 78 12 30.08 77 76 73 78 4-6 5 19.6 4-6 5 7 25.3 4 5.6 1/2 30.08 77 76 73 78 0 32.3 1/2 30.08 78 77 75 78 6 39.9 1 30.07 78 77 75 78 6 1 46.0 3/4 30.07 78 77 75 78 4 6 8 52.8 1 30.06 78 78 76 78 6 5 59.3 11 1 30.05 78 78 76 78 b.c.q.p. 6 9 66.2

136. 4Detauce	new by Log		
Course and distance	te made good since preceding noon by observations, &	./29 knots.	tenths.
	(Latitude by D. R.	310041	V."
	Longitude by D. R.	690351	W. "
Position at Noon:	Latitude by observations of ②	300481	N. "
	Longitude by chronometer from Forenoon Observations of ②	690 27 16	W. "
	(Latitude by D. R. Lum Now	30 0 28 '€	V. "
Position at 8 A. M.	(Latitude by D. R. from None) (Longitude by Pheuvatini O	69008"	W. "
		310091	N. "
Position at 8 P. M.	Latitude by D. R. Low Now (Longitude by Chicomuter from Afternoon Observation October 18 knots tenths per hour, setting to the S. F. E.	69 051 16	W. "
Current during the	e time, 18 knots tenths per hour, setting to the 9.96		
	Compass by Azimuth O observed at , ship's head	0 /	
Deviation of the C	Compass by Azimuth ⊙ observed at , "	0 /	"
Water expended d	uring the preceding 24 hours,	400	gallons.
Water distill	during the preceding 24 hours,	1000	"
Water remaining of	on hand fit for use at Noon,	1150	и
Coal consumed du	ring the preceding 24 hours,	1 tons 90	T lbs.
Coal remaining on	hand at Noon,	117 " 40	
		,	

						TI	_	_		T		1	1	1	T	1
P. M.																
1	6	3	72.5	N. J. 91. 3/4 W.	99. ly 2.	674.	1	30.03	77	78	75	77	b.c. 9.	cir. cum	5	M.
			77.8	NO1.3/4 N.		6-7 4	1.	30.00	78	78	75	77	0.0.9.	Cum mint.	0	
			82.9	A. St 94.	04.804.	5.7 5							0.0. p.g.			
			87.3			5.7 5	1	29.97	77	77	74	76			0	
			91.8	J. N. W. 12 84.		6-8 doll	1/2	29.94	77	77	75	76	в.с.рд.	mint.	1	86.
			94.8	Treating ship.	- 90h.	6-8							b.c.g.			
			Housed in	6.46.	9.94. ly 24.	6-8		29.87							1	
				96.	- 1	6-825-15	- 8	29.90	75	75	71	76			3	
				98. ly 8.	~.	5.7		29.92							6	R
				. 1		5.6							b.c.g.l.		7	1.
				"		4.7		29.93						cum unil	4	-
Mid.	,	4				4-725-15								,	4	N.
						1		''		-	'					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY,

Midnight to 4 a M. Stiff breeze from IN by I. increasing to fresh breeze blowing in equaller and varing to IN be last two hours. Elmay and thisatining whather last how. Jok in injule and flying jit at 3.10, the migrest topmast stayered at 3.20, and the topgallant soil and main topmast stayered at 3.40. It willing with free translated under bother B. At end of watch or conce NO., per Itchdard, under jit, for topmast stayered, foresial lee clew of mainsail, toperate, and apauller. At 3.57 called all hands welf toperate. Affirmation at the wheel.

Som 4 to 80. M. Sixtenant U. S.M. Diestinant U. S.M. Som 4 to 80. M. Sixtenant U. S.M. Style at 15 to my feet in Equal of the Moning at 15 to my feets in equally little passing rains. Producte to stiff breeg from F.M. Showing at 15 to my feets in equally little and to main an amount the style of the sound of the style of the sound of the style of the sound of which indexing approach of the while at and of watch index played for topmant solayers, many true passing approach and toppellant early one single relief to the sound of the so

foresail and einfle refield manifact.

Deno 8 a. Mr. to Maid.

Deno & Denoty to conceat I selve accessmally very first been in equally from F. Livitencent W. M. Server to Bloody to conceat I selve accessmally very first been in equally from F. W. by the Bownth falling elightly bureaux II, and then when the heads of the 5.5 trok in topolish each of 9.00 mutually appearance after which is so and main topolish and for expel and about 10.00 as more topolish toward toward to word of words to waste foreign engly english main topolish for the main topolish and to word to word topolish and to try the foreign each free days of the toward to the toward appearance for the toward of the toward appearance of the toward
Froze K. Sours. Every U. & V. Sours. Every U. & V. Sours the stay of the Sent
Simuly rainy and equally dresh brizes to moderate gets from the Ith backing to Ith by bower of Upo).

We saw increasing to moderate gets took in main tripail and now they to Its and Ed during which took in and found for topical for took and for topical description of the following to moderate for the same will of the topical for topical acts for topical scale for topical states and of world chip bying to mediaband treek under for town stayout close neefed main topical, and stown muyon having taken in muyon storm stayout at ye clock. Distilling appuntices at wheel. We after our constitutions.

Dawn 8 9 m. to Mids.

Switch and It. by 94, variable in face few moderate to very freel breeze with occasional heavy equalle.

Partly closely with morninghed during greater part of watch Lightney to I'd and Ed. Rough era. I had and saw generally morderating toward even of watch. This lying to runder want as preventing with heading from I. I E. to I'E. and diffing to E. by I. Distilling with frim bound runder bake 13. appending at the wheel

Examined and found to be correct.

J. B. Me Storm Licitarian M. J. M. Navigator.

Levitewant U. J. A.

LOG of the UNITED STATES Phip Essex Third Rate, Making passage from Funchal, Madeira to Yorktown, Va.

			0	0 0	WIND.				BAROME	TER.	TEMI	PERAT	URE.		Forms of	Hear the	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	36	0	Hauledin	f.901.	Q. A. M.	4.7	3	6	29.93	76	76	74	76	b.o.pq.l.	cum with	4	m.
2	1	0		g.W.	NO.	4-6	3	6	29.93	74	73	71	76	b.c.g.l.	-	5	
3	1	0		01.991.	N. J. 24:	4-6	3	6	29.93	74	73	69	76	"		5	",
4	,	0		,,	<i>n</i>	4-5	3		29.93			68	76	,	-	.5	1
5	1	0		Sor ly or		4-5	5		29.94		11	68			-	6	
6	0	8		of Ast.		4-5	- 5	5	29.96	73	72	68	76	b.c.g.		6	"
7	1	0				4-5	5	3	29.97	1	11		1	,,		6	
	1	5		904. ly 94:12 94.		4-5	5	2	30.02	1	/				cir.cum	6	
8	1		1	99	N. 94.	4.5	Roll		30.05	1	1		,	b.c.	"	6	
9	2	0		9.99.	ON. NOV.	3-4		1	30.05						cum.	6	
10	2	0	97.5	OH. F. 9.	N.N. O.	3.4			30.05						cum.nim	2-3	
Noon.	3	5	100.9	9 W.	Jr Ot.	1	20-15		30.03	1	1		/			3	
						1					-					1	

5. 3 Diet aure sem by Log.	
Course and distance made good since preceding noon by observations, 04. J. 94. 1494.	4 knots. tenths.
(Latitude by D. R.	31007'N."
Longitude by D. R.	69 0 43 94."
Position at Noon: Latitude by observations of O	30 ° 51' N. "
Longitude by chronometer from Forenoon Observations of ⊙	69 ° 32'W."
(Latitude by D R from Nom	31 ° 00' N."
Position at 8 A. M. { Latitude by D. R. Jenn Vern/ Longitude by Ofsewration O	69° 26' % ."
(Latitude by D) R. Low Now	
Position at 8 P. M. (Latitude by S) R. from Norm Longitude by Shunometer from Afternow observations	69° 53' 94."
Current during the time, 18 knots tenths per hour, setting to the 9.96.	146.
Deviation of the Compass by Azimuth O observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , "	0 , "
Water expended during the preceding 24 hours,	400 gallons.
Water distilled during the preceding 24 hours,	1100 "
Water remaining on hand fit for use at Noon,	1850 "
Coal consumed during the preceding 24 hours,	/ tons 3 / 0 lbs.
Coal remaining on hand at Noon,	116 " 95 "

	-					1											-
P. M.						4			1								
1	3	5	4.4	991.3/494.	AN.	3-4	4	1	30.05	72	70	65	75	b.c.	cum.	4	ď.
2	3	9	8.3	4.	"	3-4	4	1	30.03	72	70	65	75			4	
			13.0	904:12 W.			4		30.05							4	
			17.9			4	5	1.	30.06	72	70	64	75			4	
			23.3	991.3/494.	A M. ly N.	4			30.08							3	
6	4	5	27.8	904:12 04:					30.08							5	1.
			31.0	"		4-5		1	30.10	71	69	63	76		cum armet	4	
8	3	5	34.2	POL:14 S.	N. W.	4.5	-26-18	1	30.12	71	69	63	76	. 0		4	
9	3	7	37.6	901.		4-5		1/2	30.12	71	69	64	76			4	B
		/	41.3	991.3/4 94.	N W. by W.				30.13							4	
			45.2	3 %. ly %.	N 04. by 04.				30.14							3	
			48.5	89. ly 9. 12 9V	A. A Q.	4.6	23-15	11/2	30.14	70	69	64	76			3	-
										'	,		1				

Commander Tories Kingsley Tuesday Noormbre 6

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midwight to 4 a M. Bleav. Moderate berry from FOH by W. shifting during a rain equall at 12.05 to W. H. M. gradually bauling to J. H. M. and bluming stiff to voly fresh in equalle. Sightning to Sh and Ed. Light was same sail as in preceding watch. Particular sear. Phyparding was Neather vory much moderated at sud of watch. Distilling appreciation at the while.

Dum 4 to 8 a. m Clear Moderate to stiff begge from the N. N. Ch. Reining bacometer. Downer N. H. Heading bottom O. J. C. and J. C. on starband tack Moderate long and from almost N. A almost 500 act for top man topcale, broted for top much stay and toth in trysail. This comparaturely steady. Distilling appointing a which

Own 8 a. M. to Mend

Of 8.35 get consecution took is clarify to gettle breeze from Noth to Cherch Baroneter steady. Of 8.35 get consecution took willing tackles off brate, cent below atom carle and preventer brace. Obly 30 muetived at quacture and interested appenties by directive. At 10.00 set topgallant acide and it. At end of watch under plane sail to topgallant hails, heading 90. Concer it a appentice at the what. Distilling with banked five under briter 15. Dested magazine flood cocks and found them in working order. Dungerature of magazine 80°80° found, 82°80° aft.

Oum meid to 4 P.m

Guega W. J. M

Jenge of Traus,

I everally cloudy and unattled wrather. Gentle to moderate here of on N & bones & D. (po) 3th and 4th penedel appendice of watch had markneped examinating 5th pened they were exercised going our topmach head. Ing will from Ch N & at end of watch ship by the wind on tallowed tack under for topmach day and all plain sail to topgetless acide except sugle neef in manufall D with me Committee of the while manisail. Distilling. apprentices at the wheel.

Crow 4 to 8 P.92

W. Maxeelow.

Our desate to stiff been from 18 % by N. and I B. Shoring in poetle last home Partly closely with morninghal back two home. Dong willing sea from Nov. This willing deeply at interest, but easily maximum will to less and 26; to understand 18. At 5 35 called all hands fulled the tryogalland each and trove two engine neigh neigh in the tryocally all end of watch and on starband tack under for topmass stay and, jet, foreaid speaker doubt wifel topically and enight reside mainsail it ship in will be a forest topically and enight resident mainsail it ship in will be a forest topically and an analysis of the content of t eight first low, standing to I'd and Ed Distilling with fire banked under boker B. appeintices at the

Dem 8 P.m. to Mid.

Quartenant Qu. F. M.

brown in suffer Irragilar and with an occasional long car from N. W. W. incuracing to freel brown in suffer Irragilar and with an occasional long car from N. W. Fleip rolling deply at time.

15 to 20° Course N. C. (pc) . Cruder same sail as in preceding watch Distilling apprentice at the what

Hurall Trentewant Ou. 8.91.

Examined and found to be correct.

Secretary & & M. Navigator.

LOG of the UNITED STATES

Thip Essex

Third Rate,

Making passage from Funchal, Madeira to Yorktown, Va b.c. g. cum wint 6 1 30.14 70 69 64 76 4-6 Roll 4 2 52.7 1 30.14 70 68 64 76 5 4-5 1.55.8 4-5 1 30.15 70 69 65 76 0 58.8 4-5-25-15- 1 30.15 70 69 65 76 4 3 63.3 991. l. 91. /2 91. 1/230.16 70 69 65 76 4.5 4 66.7 1/230.18 70 69 65 76 4-5 1 69.8 11/2 30.20 70 69 65 76 3 0 72.7 O4:12 8 11/2 30.24 70 69 65 76 75.7 0 4 JK.B 4 4 1/230.28 40 69 68 76 4 4 80.1 b.c. Of 9 04:12 04 1 30.3270 69 68 76 4 4 3 9 84.0 10 O4.3/4 S. 4 3 1 30.36 70 69 68 77 4 2 88.2 Ol. 1/2 8. 1 30.34 70 69 68 77 Noon. 2 6 90.8

89. 9 Distance um by Log Course and distance made good since preceding noon by observations, 901./49. Latitude by D. R. Longitude by D. R. Position at Noon: Latitude by observations of O Longitude by chronometer from Forenoon Observations of @ Position at 8 A. M. (Latitude by D. R. from Norw Longitude by observations 0 Position at S. P. M. { Latitude by D. R. fun None (Congitude by Chumentte fun afternom observation of tenths per hour, setting to the Orest 7 knots Deviation of the Compass by Azimuth O observed at & Q, M, ship's head Deviation of the Compass by Azimuth O observed at 8 Q.M. " Water expended during the preceding 24 hours, during the preceding 24 hours, Water distilled Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

87 knots. tenths.

29° 44' N."

70° 37' N."

29° 45' N."

70° 44' N."

49° 52' N."

29° 56' N."

70° 62' N."

400 gallons.

1159 "

2609"

1 tons 905" lbs.

		_						1		1	T	-					-
P. M.																	
1	2	5	93.3	94:14 N.	North	2-3	2	3/4	30.30	71	69	68	77	b.c.	cum.	7	m
2	1	8	95.1	04:12 N.		2	2	3/4	30.30	71	69	68	77	.,	-	6	
3	2	0	Hauled in	4		2	2		30.29							6	
4	,	5		Of. by 1.	N by 6.	1-2	2	3/4	30.27	71	69	68	76	,		6	-
				94. In 24.	N. SV 6.		2		30.29							7	L.
6	0	8	95.1	N. J. Ch. 12 Ob.	N ly 8.	1-2	2	1	30.31	70	68	61	76			6	
		5				1	2	0	30.31	70	68	60	76		-	4	
			7.4			1	0	0	30.32	70	68	61	75	.,		8	-
	5		13.2			2	0		30.34						cir.cum.	5	
10	5	8	19.0		NE. by N.	3	0		30.35	,					cum.	3	
		2	1		J. NE.	3	0		30.37	,						3	
			31.4			3	0	0	30.38	69	68	61	75		cir. cum	6	
										,							

Coal remaining on hand at Noon,

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Partly cloudy. Morderate to stiff breeze with occassinal fresh aqualler from the N. Ch. by N. Baconster about steady. Broken sea with morderate long everll from the Northward and Pretional. Come & By the unit on stailored tack, yalds will brased in making about 8°Ch. b. Ch. Church duth refer topically forward angle refer mausail, jil for topical staypails and eparter. appuntices at wheel Distilling.

Diem 4 to 8 a. M. Surger N. Server Sentler to stiff variable buye from N. W. by 4. to 4. by 4. or vining. Barometer rising at 80 clock trund right with of topsails and of topsails to acted a watch under plain soil to topsailant sails, heading W. 12 S. Comme N. C. appointeris at the whell. Distilling.

Dien 8 0. M. to Meind.

Dien and pleasant. Moderate to quite begge from N. N. H. to I by M. Emer N. H. G. C. Barractus viewing almosy. At 9.30 meetered at quarter and had Diensmal Instituctions in reamouship. By order of the Cooperail placed Thomas Tenney Temps Town applied for Institute in reamouship. By draw for "Institute in the August of Summer Temps of the Cooperail placed to Engine Officer and placed S. N. Sules app 3.C. in collection confusions of about and writer for meeting on meeting on the surface of the while along the formation of the surface of the while Medical and standard the sound of the while Medical and standard the sound of the while Medical tops of the sound of the while Medical forward below the stand pump. Designation of maggines 80° 80° formad, 81° 80° eff.

Sum Phoids to 4 P.M. Gentle bosey to light air from North and No by E. Fair and pleasant. Phodesate well from No. Ot 2.30 took in mechanical briefled smoke stack and started frie under boiler of and D for tetancing. Observations of the England distilling Phitocoaled belger under all the forward over norme De the example of the England Bound of Burney, 3 for of better (me can) ever theorem rectand Marke on can, - 5.5. Observed June 1891. Offenative orchanding titling At end of watch, by the sund on starboard track under for topmach staypail, and plain each to topgallack each, except manisal. Appendice when

Drom 4 to 8 P.M. Light aire and bregge from N. M. E. and N. by E. Ding quill from N. M. Ot 5.35 took analy net in topfaile and fuled all equal sails; set topmach stayonilly main and muzin) and marin

to to anigh net in toppails and fulled all equal early set topmach stayonall (main and myrin), and marie tryinis. It atled alread full exceed stranning with fries under Golow A. B. and D. Come A. 4 & 1 & (so.).

At 7.05 took in all for and aft sail whaqy stam sperceur 55 lbs: Revolution 41. Appendice at the whell.

At 60 clock put our patient by reading 95.1 known.

From 8 P. M. to Orid.

Fair . Mr. to Sair . Mr. to Me alout Sight to quith breus from N. ly E. to Me alout N. N. E. at sud of watch . Eng eros from Northward. On course N. N. N. N. M. Mudu hteam . At about 9.00 act jets, main and majors topman strugail, main tuporile and aparetic. Fork in two latter at 11.00. awage stram 55 lb. awage number of revolutions 42.2. apprentices at the whele.

Examined and found to be correct.

J. B. Meilton,

Leutenant W. F. M. Navigator.

LOG of the UNITED STATES Phip ESSLX Third Rate, Making passage from Funchal, Madeira to Yorktown, Va.

		Reading						BAROMI	· Lanc.	******			State of	Forms of	000	Pe S
	Tenthe	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
7	1	37.7	N. N. QL. /2 QL.	N. N. E.	1	0	0	30.38	69	67	61	75	b.c.	cir.cum.	8	92
		1 1		balm.	0	0	0		1			-			8	-
	,		,		0	0	0	30.36	69	67	61	74			8	
	7			P	0	0	0	30 33	69	67	61	74		cum.	9	
	0	1.1	,		0	0	0	30.32	69	67	61	74		"	9	2
	1			,	0	0	0	30.35	-69	67	61	74			8	
,		1	**		0	0	0	30.36	69	67	61	74		-	7	"
					0	0	0	30.37	69	67	61	74			6	1-
		11			0	0	0	30.39	71	69	62	75			7	0
					0	0	0	30.39	71	69	63	75			7	1
		1			0	0	0	30.39	71	70	64	75			7	1.
		6.0			0	0	0	30.37	72	71	65	75		1	6	
7		3 6 7	6 50.6 7 57.3 9 64.2 5 70.7 6 77.3 0 77.4 0 84.1 4 91.5 2 98.7	3 44.0 " 6 50.6 " 7 57.3 " 9 64.2 " 5 70.7 " 6 77.3 " 0 77.4 " 0 84.1 " 4 91.5 " 2 98.7 "	3 44.0	3 44.0	3 44.6	3 44.6	3 44.0	3 44.0	3 44.0 .	3 44.0	3 44.0	3 44.0	3 44.0 6 50.6 6 50.6 7 57.3 9 64.2 0 0 30.33 69 67 61 74 0 0 30.33 69 67 61 74 0 0 30.35 69 67 61 74 0 0 30.35 69 67 61 74 0 0 30.35 69 67 61 74 0 0 30.35 69 67 61 74 0 0 30.35 69 67 61 74 0 0 30.37 69 67 67 74 0 \$4.1 0 \$4.1 0 \$4.1 0 \$4.1 0 \$30.37 169 62 75 0 \$30.39 71 69 63 75 2 98.7	3 440 6 50.6 6 50.6 7 57.3 8 0 0 0 30.33 69 67 61 74 8 7 57.3 9 64.2 0 0 0 30.33 69 67 61 74 8 7 57.7 0 0 0 30.33 69 67 61 74 8 7 70.7 0 0 0 30.35 69 67 61 74 8 7 70.7 0 0 0 30.35 69 67 61 74 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7

128. 9 Distance num by Log.	
Course and distance made good since preceding noon by observations,	N. 1/2 N. 125 knots. tenths.
(Latitude by D. R.	31 ° 24 ' W."
Longitude by D. R.	72010 194."
Position at Noon: Latitude by observations of ②	31 020 1 1 "
Longitude by chronometer from Forenoon Observ	ations of ⊙ 72°17'%." 30°56'√."
(Latitude by D. R. Lurw Now	30 °56 'N."
Position at 8 A. M. Latitude by D. R. furm Norw Longitude by Obscurition O	71 ° 59 ' W. " 32 ° 00 ' Vi. "
(Latitude by D. R. Lung Nm	32 ° 00' VI."
Position at 8 P. M. Longitude by Chenometer Line afternoon	observation o 72°57' 9."
Position at 8 P. M. { Latitude by D. R. Jenn Non/ Longitude by Educative Line afternoon/ Current during the time, 7 knots tenths par hour, setting	to the P.W. by W.
Deviation of the Compass by Azimuth O observed at & Q.M., ship's	s head Jr. 1 1 1/2 1/2 1/2 1/2 3 0 24' W
Deviation of the Compass by Azimuth O observed at & Q.M., "	. 1 . 21 . Th. " Var. wed 3° 55 %.
Water expended during the preceding 24 hours,	420 gallons.
Water distilled during the preceding 24 hours,	250 "
Water remaining on hand fit for use at Noon,	2439 "
Coal consumed during the preceding 24 hours,	9 tons // 75 lbs.
Coal remaining on hand at Noon,	105" 255

-	1	1				-		_	-		T	-		-			
P. M.																	
1	3	5	9.6	St. St 24:12 84.	Calm	0	0	0	30.36	73	72	65	75	b.c.	cir.eum.	3	9
2	7		20.4		"	0	0		30.34					4		4	
3	4	4	27.8		9.801.	0-1	0		30.32					,	cum.	4	
4	7		35.3		Pariable	0-1	0		30.32							4	-
5	7	6	42.9			0-1	0	0	30.31	73	73	66	76	- 1	cum suint	3	
6	7	5	50.6		9.86.	1-2	0	0	30.30	73	71	66	76			4	
7	7	6	58.1		9. by E.	2-3	0	0	30.29	73	71	66	77			4	
8	7	8	65.9		South	3	0	0	30.26	73	71	67	77			5	
9	7	6	73.5			3.4	0	0	30.26	73	72	67	76		-	4	
10	7	9	81.4	,		3.4	0	O	30.26	74	72	67	75	b.c.p.	mint	2	
11	8	0	89.4		9.9.0v.	3-4	0		30.26						"	2	-
Mid.	1	8	97.2			3.4	0	0	30. 23	74	72	68	74			/	
																	1

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Bright starlight. Throw set at 20 clock Eight airs from A.A.E. to balow Barometer falling shooty. At 10 clock brauled drow man and might topmal stargeter and zit. At end of writes under starm in briles a. B. and D., on conser A. & 1. & A. presenties at what. Average straw 55 lb. Average number resolutions from 42.5.

From 4 to 8 a.M.

Sleav and fine wrather balm. Under steam alow on conce N. S. M. (p.c).

Bavonote riving closely. Dog everl from N. N.E. arrage steam 56 Dr. arrage revolutions 42 6.

apprentices at the wheel.

From 8 a. On to Cheid.

Calm, fair and pleasant. At 9.30 mustand our at quarteer and easewed at diasin diell. Overhaulid pin and fife early jacobs ladder, and grat eoper a schorer in eight has boun on fort love, lunding to Ed. Cloder attanvalone, using boiling W. B. and En on cour N. A. W. 22 per Standard. Obutwached hilger under foured stranson. Average steam 55 lbs; revolutions 43. apprentices as the wheel. Designature of magazines 81°81° found. 85°80° 44.

Denne Main) to 4 P.M.

6 Lucky to fair. Calin. Occasional light airs from Ob. 3. M. third home, then variable. Treaming: first under briles A. B. and D. Lot right of the martid echomer astern at 2.45. At 12.30 changed course to N. N. M. 16 M. pc. Exercised and instructed, appendic at signals from 1.15 to 3.15. Resoluting 43.9. Etam Pressure 55. Appendic at the wheel. Condumed by Decately Bread of Tuny and Their worloard 4 No. wegetable: marked & H. Leggett and 60: Dec. 1891.

1 Legendary and Their worloard 4 No. wegetable: marked & H. Leggett and 60: Dec. 1891.

Falling above Surface Light lage Light aim to gutte burger from F. F.E. to F. by M. Browner falling above Ou come A. A. W. W. W. ender steam from bottom A. B. and D. at 6.15 set forward between 4.30 and 5.50 set for topsail, and topgetlant sail. average steam presence 55 lb. arrage member of sevolutions 44. appendices at the whell.

Storge R. Could.

Storge R. Could.

Seriege V. F.M.

Seriege V. J.M.

Show & G. M. to Chid.

Show & Story of St

Examined and found to be correct.

J. B. Me lline Lieuteward & F. Navigator.

Thip Essex

Third Rate,

			Reading		WIND.				BAROME	TER.	TEMI			State of	Forms of	Clear Oths.	he Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	91	, 2,	5.4	N. N. 91.:14 04.	gw.	3	0	0	30.23	73	71	68	75	b.c. m.	cum ruinb	- 2	9
2	8	~	13.5			3-4	3		30.25		71	68	75	0 "	,	3	
3	8	6	22.1	4	OV .50V.	4-5	+		30.26	1	71	68	74	b.c.m.l.	"	3	ъ.
4	8	5	30.6		٨	4-5	,		30.25		71			"		2	1.
5	8	3	38.9		d	1-5			30.12	1	1		75	1	"	1	ole
6	9	5	48.4	η	"	16	. 4	0	30.08	73	71	68	75	11	*	2	
7	8	8	57.2	"	Obest	6-7	4	0	30.07	73	1	68	75	0.0.9.10.		0	1
8	7	2	64.5	N. by E.	Why Nr	5-6	4	0	30.07	73	1	68	16		mint.		-
9	7	0	71.5	s. a. ol.	191. ly 91.	4-5	4	0	30.07	71	69	66	/	0		0	1
10	6	4	77.9	A by 01.12 94.	"	4	4	0	30.08	71	69	64	75	t.c.	-	1	"
11	6	4	84.3	1	**	4	4	0	30.09	71	70		/	"	cir. eum.	. /	
Noon.	6	5	91.8			5	4	0	30.09	71	76	63	75		cum.	2	1

1		e un ly Patent Log	
	Course and distance	e made good since preceding noon by observations, J. N. W. 1494.	/86 knots. tenths.
		(Latitude by D. R.	33 ° 52 ' A. "
		Longitude by D. R.	73 0 55 ' 81. "
	Position at Noon:	Latitude by observations of O	34003' 1."
		Longitude by chronometer from Forenoon Observations of ⊙	73 0 53 ' 94 "
		(Latitude by S) IR land Mond	33°27'N." 73°44'%."
	Position at 8 A. M.	Latitude by S. R. from None (Longitude by offerential o	73 044 '%. "
			34 050 1 1. "
	Position at 8 P. M.	Latitude by Linuters Lini traken ah 2.30 Longitude by 3.30	74016 191."
	Current during the	time, // knots tenths per hour, setting to the 1/3/46.	
		ompass by Azimuth ⊙ observed at , ship's head	0 /
	Deviation of the C	ompass by Azimuth O observed at , "	0 / "
	Water expended di	aring the preceding 24 hours,	400 gallons
	Water	during the preceding 24 hours,	u
	Water remaining o	n hand fit for use at Noon,	2039 "
	Coal consumed dur	ing the preceding 24 hours,	7/ tons 435 lbs.
	Coal remaining on	hand at Noon,	93 " 2060 '

-		-			1		-	-	-	-	1	-	1			T	1
P. M.																	
1	6	2	97.0	N. N. 24.	Ch. N. 24.	5	4	1/4	30.07	72	70	63	75	b.c.	cum.	6	6.
2	6	2	3.2	N ly 24.3/4 24.		5	4	1/4	30.05	71	70	64	75			6	
3	6	5	9.7	A by 21.12 24.	N 24. ly 24.	5	4		30.05						Cir. cum	8	
4	62	60	16.3	4	, 0	5	4	1/4	30.04	68	68	62	75	4		7	-
5	3	04	22.8	1 91 2 1 01 01 .		4	4	0	30.04	67	67	61	76		-	7	
6	6	3	29.1	A by 04.3/4 Bt.	,	4.3	3	0	30.06	67	65	59	77		cum sund	.5	
7	6	3	35.4	0		3	3	0	30.07	65	64	58	77			4	
8	6	2	41.6			3	0	0	30.08	64	64	58	78			2	
9	5	6	47.2		191.	3	0	0	30.09	63	64	57	77	-	1	6	L.
10	5	0	52.1		"	2.3	0	0	30.10	63	62	57	77	"	cum.	4	
11	5	6	57.7	•		1-2	0		30.10						-	4	-
Mid.	6	0	63.6			1-2	0	0	30. 10	62	62	57	78	-		4	

, U. S. Navy, , 184.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to + a. M. Generally cloudy and threatening vain. Sentle increasing to stiff here from 90. orning to 90 Lightning to the vide and Old and to the vide and Ed last tie bone. On one pit man and engine topman at topman and off popular and all of end of water and toppage all of the end of water and toppage to the soll of the end of water and off the end of water and off toppage the control of the end of water and off toppage the control of the end of the and migger topular stayearly and all squar sail to typgallow's sails and steam. apprenties at whell. arrage steam 55 lbs. arrage revolutions 44.

From 4 to 8 a.m.

Leutenant U. J.M. Stiff to fresh brees from D. F. D. fiet two house, suddenly moring after 6.00 to Obret and D. by D. increasing to very feel breeze and boning in equally moderating last half line. Churchy with rain at intervale after 6.00, and thustung appearance to We and Dil & hoppy sea. Jook in topgallant calls and man and mign topmast staypalls at 6.20: double rafed the topsails at 7.00 rand hauled dow jet at 7.10 Duled topcaile at 7.25; took in foreich air set jet for topmast stageail, main typail and spanker at 7.40. Bet the influence of Gelf Fluence almit 5.00 at end of with on concer that 9.44 the per Flankard, under steam and jet for topmast stageail, main typail and eparker. amage steam 53 lbs. Revolutions 45.2. Apprenties at the while

From 8 a. M. to Merid Elevely to clear Occord and aqually find how. Perduate to stiff breey from No. h. h. C. R. 30 took in main tupail. I traving with five under briles A. B. and D. under jet, for toperach stayail and aparter. Edippy are. Ender N. No. 14. 14. Or 9. 15 corniced ending down typgallant yards. Or 9. 30 mustud at quater. Carolitani 43. Itaan pressure 55 lbs. Exprentices at the what Demperature of magazines 1. 86° frank 80° 78° aft. HPurell.

Deutenant V. J. M. Orm Mend to 4 4.90 bleau. Fill breyer from Ch. N. V. and A. Ch. Baronton falling eligibil. Products area from the Ch. A. Ch. Ch. Ch. Ch. Ch. John jet for topment staypail aparties and steam from the bolor A. B. and D. accept steam presence 55 lbs. Revolution + 2 4. Apprentices at the while.

3. Top 2 5. Topment of the coluit.

Jum 4 to 8 P. 970 Ch 5. 41 counded to fix quarter exercised crew at their station and secured at 4. 25 hauled down jet and for topmant stayonil and aparter. A seed of watch under steam in boler 4. B. and 3. on come h. by 31.34.04. At 4.55 changed cones to N. Ch. by th. patent log reading 18.3. and at 4.55 changed cones to N. by 4.31.24. patent log reading 21.7. Apprenticion at the which agrange steamont. Burbutume 43 Revolutions 43

Oum 8 G. M. to Mid Gair and cool. Light airs to gutte breve from No. Long serie from No. Conner I by 94. 34. 64. (p.v.) Funds passing one from No. We and of watch or concer under steam in brites A. B. and D. apprentice at the while armage steam 55 th. am age resolutions 43.

W. Blakerton Levitenant Qu. J. M.

Examined and found to be correct.

J. B. Millin. Directorant Q. S. M. Navigator. Ship Essex

Third Rate,

		0	Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	Forms of	f Clear 10ths.	- Call - Can
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	011111111111111111111111111111111111111
. М.	73	0	101	J. ly 04.3/4 04.	A 94	1-2	0	0	30.10	62.	61	57	78	b.c.	cum.	Y	2
2	6	0	69.6	00. in cy. 14 cv.	West	2.3	2	0	30.09					"	h	5	,
3	6	7	83.0	"	Ch. ly N.	2.3	2	0	30.08	62	62	57	69			6	-
4	7	6	90.6		0	4	4	0	30.05					9	-	6	-
5	3	4	97.6	N 94. 3/4 N.	4	4	4	0	30.02			1		*	-	9	1
6	7	2	4.8	п	Ch'est.	4	+	0	30.00					,	. 4	9	1
7	7	3	12.1	-1	Cy ess.	4	4		30.02						cumstia	9	1
8	8	1	20.2		Q1.N Q1.	4-5			30.05					b. m.	none	1	
9	14	6	32.2	101.1404.		4.5			30.04	,	,					10	1
10	7	5	41.9	"	Qh. by N.	4	3		30.02		,					10	
oon.	1	1	49.0		Of est.	4	0	0	30.00	56	56	52	65	- 4		10	

58.4Distance	run by Petent Log		
Course and distance	e made good since preceding noon by observations, J. N. Ch.	153 knots.	tenths.
	(Latitude by D. R.	360231	f. "
Position at Noon:		750 25 19	4. "
Position at Noon:	Longitude by D. R. Latitude by observations of ⊙	360251	N. "
	Longitude by chronometer from Forenoon Observations of ⊙	75005.6	W."
	Latitude by D. R. from Jim	360060	W. "
Position at 8 A. M.	Longitude by observation O	74044'	4. "
	(Latitude by	, , ,	"
Position at 8 P. M.		0 '	"
Current during the	time, /6 knots tenths per hour, setting to the & 3/4 M		
	ompass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the C	ompass by Azimuth O observed at , "	0 /	"
Water expended du	ring the preceding 24 hours,	450	gallons.
Water	during the preceding 24 hours,		"
Water remaining of	n hand fit for use at Noon,	1589	"
Coal consumed dur	ing the preceding 24 hours,	1589 11 tons 35	O lbs.
Coal remaining on	hand at Noon,	82 " 171	0 '

P. M.																	
	4	3 4	53.3 55.7	191.1491.	Q. A. Q.	4	D	0	29.97	57	56	52	63	b.c.z.	none	10	9
	6		61.8			4	0	0	29.96	57	56	50	60	1	cir.cum.	. 5	
	6		68.1			4	0	0	29.95	-56	54	49	60			5	
4	6	7	74.8		n	4	0		29.95							1	
5	5		74.8	N 24:14 Dt.		4	0								cum.	1	
	7		88.4		12.	4	0		30.00						,	1	
7	6	4	94.8			4		0	30.02	54	53	46	59			4	
8	7	6	2.4		N W. by W.	4	0		30:03						cir. cum.	8	.,
9	1	9	5.5	01.101.1201.	. 1	4.5			30.05						une	10	
10	3 Jid.	0	Healed in.	Of A OL /2 OL.	Ot. A. W.	4-6			30.05						-	10	
11	1	7	Ebb.	Lytham Boy 9 a.	N Q1. ly Q1.	4.6			30.05					7	-	10	
Mid.				at anchor		4.6			30.05							16	Ou

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Light airs to moderate brees from NO. to Ch. by N. Dair and pleasant. Open set about 400. I set all for and aft pail at 1.50 and harled down flying gib at 3.50. Passed not of July Theam between 2.30 and 3.00. Dall of temperature of sed water of go between 2.00 and 3.50. At each of writch on once I by G. I bell. per Standard, under eteam and all for and aft sail except flying gib. Querage stam 55 bb. Awage verolitims 44 appendices at the wheel.

From 4 to 8 a. M. Secretary Co. J. M. and Cheel. Of 4.30 changed concer to A. C. J. M. Secretary Co. J. M. and Cheel. Of 4.30 changed concer to A. C. J. A. A. to the main trypail. Of 6.50 set forward and main trypail Freaturing: free under birles A. B. and D. forward and all for and aft sail eacest flying jet set at end of watch. O acid in aight to A. and E. a. et and up to J. at end of datch. I surperature of sea water falling arrange steam 55 lb. Revolutions 44. 4. Apprinters at the whiel.

From 8 a. M. to Meid

Fair with light have Stiff to moderate breeze from Ch. 4 th. to Check. Smooth sea.

On cone A & H. A. with 90° clack when changed to N. M. H. W. Patent Sog rading 32.3 at almot 900 took in foreally and at 900 hauted down all early away stem present 50 lbs. Revolution us. By order of the Commanding Officer and by wasm of the expention of the time of emformation eleased Thos. Therete, app. 3cl., P. Rowan app. 3cl., and b. N. Sulik app. 3cl. and with the action to the time to distribute the action of seal and beaute of the time of the time of the time of the action of the land of the time of

Our Preind to 4 P.M. . Energy Moderate been from Web & Barmeter felling. Got both auchors ready for letting go allowed application their bags. At 2.30 took arrivating 16 fole grey cand, broken cloth log reading 7/3. Muder attain in Irles A B. and D. m. concert & W. . At 2.35 the auged concerts to All patent by reading 533.

Appendix at what arrival arrange estam 55. Covage revolutions 43.

N. M. Cofeman

Crem 4 to 8 P. M.

Learning and cold. Moderate breyer from N. W. and N. W. & Crew N. W. (p.c.) with 4.10 when
it was changed to A. M. M. (p.c.) as 61 clock eighted bape beauty Light brawing 1/2 point on pert bons N. M. M.

(p.c.) Escal and steamer in right during witch all 7 o'clock eighted bape blacker Light brawing
W. W. M. (mag.) At 8 P. M. bape blacker Light brow N. & E. (mag.) and bape Berry Light lover It 1/8 N. (mag.)

Wriage stand 50 lb. Revolution 4. Enderhand by During Brind of Turry and by orland, Commissioning Officer
there we no will be butter mucked 6. E. ahrene Bentractor, June 1890.

Tenne 8 P. M. to Mid.

On 8.20 passed into red sector of Cape Houry Light and changed course to Oh N. 1. 26 (p. 2. Hailled in protecting at same time reading 55. Counting Cape Houry with 9.42 when cause to auchor in Lique Hours Bay in 694 fine of writing raining to 45 february change from anchorage Cape Charles N.S. (p. c.) Cape Houry F. (p. g.) This stand N. N. M. Par Carled at same and sail much. Banked five and stated distilling at 9.45.

By till: Sough 1.7 Ments perham arrange stans 58 th. Revolution 43.

Examined and found to be correct.

LOG of the UNITED STATES Ship & SSLX, Phid Rate, At auchor in Symbons Bay Va, and in the York River, off Yorktown, Va.

un	, , , ,		0	monora oca	7, '			- (1			1	08	90,100	,		
			Reading		wind.				BAROME	ETER.	TEMI	PERAT	TURE.	State of	Forms of	Clear Jehs.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
	Dia	tal t	Burent									-					
A. M.	20	7	Ebb	N. W. Ly W.	A 91. ly 94.	5			30.05	45	45	-41	56	·b.	none	10	
2	1	6		"	. 7	5-			30.05					"	,	10	
3	0	9	^		"	4-5			30.05	45	+4	40	56	n	.,	10	
4	0	2		Je Oh.	4	4-5			30.05	44	44	40	56	n		.10	
5	2	0	Pland	1.16.	"	4-5			30.06					4.	5	10	
6	1	0	"	0	*1	4-5			30.05						chi cum	10	
7	0	8	.,	NE.		4-5			30.02					b.c.	cum.	8	-
8	Que	der	way	Varioris courses	IN W.	4-5			30.02						"	6	
9	4	6	0	Tuder com of	N by 24.	4-5			30.15	45	44	39	56	b.c.z.	"	8	
10	4	6		Counanding Officer		4-5			30.16	45	43	38	56	0		9	
11	8	4		. 000		3.4			30.17	45	43	38	56			9	
Noon.	6	0				3-4			30.15	45	44	39	56			9	
		-					and the same of the same of				_						

80 4 Distance	um by fra							
	e made good since precedin	g noon by observations,			knots.		tenths.	
	Latitude by D. R.				0	,	"	
	Longitude by D. R.				0	,	.11	
Position at Noon:	Latitude by observations	of ⊙			0	,	"	
	Longitude by chronomete	er from Forenoon Observ	vations of G		0	,	"	
n	Latitude by		0	,	"			
Position at 8 A. M.	Longitude by				0	,	"	
Desiries at 0 D M	(Latitude by				0	,	"	
Position at 8 P. M.	Longitude by				0	,	"	
Current during the	time, knots	tenths per hour, setting	g to the					
Deviation of the Co	ompass by Azimuth O obse	erved at , ship's	s head		0	,		
Deviation of the Co	ompass by Azimuth O obse	erved at , '	,		. 0	,	"	
Water expended du	ring the preceding 24 hours	s,			41	00	gallons	
Water distill	ed during the	preceding 24 hours,			51	00	"	
Water remaining or	n hand fit for use at Noon,				168	89	"	
Coal consumed duri	ing the preceding 24 hours,			9	168 tons /	24	5 lbs.	
Coal remaining on 1	hand at Noon,			7	3 " 2	16.	۲.	

P. M.															
1	9	tano	ling u	g York Ruin	I Oh. by N.	3	30.14 4	6	45	40	b.c	. cir	:cum	8	24
2	0	9	uns/	104. N. W.	. 0	3	30.12 4	18	47	42				9	
			Ebb.			3	30.14 4					c	um.	6	
					"	2	30.13 5	0	46	42					
			mg	NE. l. N.	4	1-21	30.15 4								
6	0	61	Flord	NE. ly N.	4.16.	2	30.16 4					cum			
			4		4	2	30.17 4							9	
8	0	7		96. by E.		2	30.19 4					tir			
			ing Ebt	Eash		2	30.20 4								
			1 "	ON. N. OV.		1-2	30.214								
				A Or by Or.	16. by N.		30.21 4					ce			
				Ox. Nov.		4.5	30.22 4						nund		
										/					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Quidright to 4 a. m. Elean. Prodevate to stiff brey from & D. by Dr. Meanin strength elt tide 1.7 kurts. Banked from Distilling. Therell Guitenant Qu. J. R. Dem 4 to 8 a. M. Chear, pleasant wrather Moderate to stiff breeze from N. M. by 3. to N. N. M. Bavonetor falling about Riding to the flow with banded fine detilling until 700 at 7 30 made International 3. D. J. answered by Eager Heavy Light House At 7 25 brought to starbond chain and short 7 35 broad reasing in and started which at almost 7. Her How well in topsails and fulled Itering various cornels standing up the Exercise Reserve as wheel.

Jenze Reserve. Gusign QL. G. M. From 8 a. M. to Merid Bright Party cloudy and hazy Stiff to gutte brew from A by the Baronete rainable Standing into Golkton, sunder kow of Cohmanding Office. at 12 o chen Bury No. 3 of Sovie March Light box 3 points on port box distant 200 youls color bring of the by the Under steam in boiler 4. B. and D. Appentice at the wheel array stan of the Revolution 38. Deservative of magazine 79:78: forward, 78: 78: aft. n. S. Coleman Gusign W. S. M. From Merid to 4 P.M. The New Thered to 49.90.
Clear and cold. Sentle burys from S. S. by A. Placker steam alone standing up Goto Rice, the Captain coming the chip at 135 stopped engline and at 1.40 came to with standing and accept in 712 futhomes water, origing to 45 futhoms chain Pragastic training of auchorage clinicater accept in 48h. Gritania Water Orthand Stand Stand Stand Stands found is fell at 1 feel of but allowed fine to die out much boiler 4 and D. and banked fine under boiler B and commenced distilling Aristed out steam launch and ugged ship for port. Ell tidy playerton From 4 to 8 P.M. Southy clody and pleasant. Sentle been to light air from A M by A. to Note Baroneter rising allowed likely party to go ashow. Distilling with free banked under biler B. n. Johnan Ousign U.S. W. From 8 P. M. to Mid. Dair and cold Hind light from N. N. E. backing to M. N. M. in moderate to stiff buyer. Furning to ell tide about 9.15. Distilling with first banked under briles 18 M. Dakerton.

Examined and found to be correct.

J. B. Meilton, Leutenaut Q S. M. Navigator.

W. Blakerton Lieutenant U. S.M.

LOG of the UNITED STATES Ship Essex Third Rate, and auchor in the York River off Yorktown, Va.

				(WIND.		00	- (BAROME	TER.	TEM	PERAT	TURE.			ear bs.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	Dio 0	hal-	Current Ebb	NV.	NOh. by N.				30.25					0.09.00	.cum um	60	
3 4	0	4 Pla	· ·	NOW by 94.	North"	3-4			30.26	39	38	37		b.c.w.	"	3 1	
5 6	0	4	Olord"	E.V.E.	11 11	3.4			30.26 30.28	38	37	36		,,	cir eum.	4	
8 9	0	7	aua.	E . TE . E ast North	N. J. E	3			30.30 30.32 30.34	37	37	36		-b.o.	cum strak	5	2
10	0	8	£64	N N %. N W. ly W.		2 2 3			30.36	41	40	36		"		8	
Noon.	1	0		,.		2			30.37	43	41	37				8	

Course and distant	ce made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 /	"
	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of ②	0 /	"
	Longitude by chronometer from Forenoon Observations of ②	0 ,	"
	(Latitude by		"
Position at 8 A. M.	Longitude by	0 ,	"
	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 /	"
Current during the	e time, knots tenths per hour, setting to the		
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the C	Compass by Azimuth ⊙ observed at , "	0 /	"
Water expended d	uring the preceding 24 hours,	450	gallons.
Water distil	led during the preceding 24 hours,	1061	"
Water remaining of	on hand fit for use at Noon,	2300	"
Coal consumed dur	ring the preceding 24 hours,	2 tons 450	lbs.
Coal remaining on	hand at Noon,	71 " 15	

D. 16									
P. M.	1	.,	200	1.10.	04.104.		1 2 - 1 1/112	d 1	
2			Ebb "		CH. W.	2 2	30.36 44 43 3		cir.cum.8
3				N 9. by 94.	"	1	30.35 45 43 3		. 8
			Stack	04.164	Gast.	2	30.36 50 45 4		. 8
					Jr. St 24.	2	30.36 47 46 4		. 8
6	0	2	Plane	Surveying	Calm	0	30.36 44 43 4		none. 10
7	0	3			96.	1	30.37 45 44 4		cir.cum 9
8				,	,	0-1	30.37 45 44 4		none 10
9	9	ing	ing			0-1	30.3645434	0 "	10
			1	9. 9 W.		1-2	30.36 44 42 3		cum etrak 8
			Ell	Ot. by N.	9. ly 6.	1-2	30.3546 43 4		cir. cum 7
Mid.	1	2			-	1.2	30.34 44 41 3	7 -	. 8

under the command of

Commander Louis Tringsley Monday November 12

, U. S. Navy, , 18 94.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Obiduight to 4 a. M. Wordevate to freel breeze blowing in equals first how from A Ob by N. with fluring of enow until 2.86. Or ind afterwards modicating bloody and cold with more chroning at intervals. Elst tide a steamer passed down the Rivin at 3 15 Distilling with fries branked under briler B.

From 4 to 8 a.M. blear and cold. Gentle breeze from North. Baronte vience Distribute N. J. For shan

From 8 a. M. to Merid. Clear and cold. Light burger from A. NE Leving to the ebt tide at 10 O'clock Philosof toggalland each and enals Cour engaged blacking chips side Gunner gang making preparations for target practice P. a. Paymants I. B. Bickle W. R. Pay Yeman Jas. Willh and Bhite Maker J. a. Black left the chip for Profeth In, on ducty Dietelling with fine banked under briter B. Denypevature of magazines 78° 78° forward, 78° 78° Fs. Willandson W. Wahrlow. . S. R.

Elight breen to light and from ON W and East. Pair cool and pleasant. Eliftide Finished brucking chip's side. Est up two small aim taigets or the Yorktown side. Sent asker and seculted 1st and 2nd cutter, whaleboat, gig and diighy Distilling with five banked under biles B. George Sentenant U. & Ph

From 4 to 8 9.90. Clean and with full banked under boiler B. Henry to the floor tide at 70 clock Distilling with file banked under boiler B. W. Shafertow, Einsteinant W. F. D.

· From & P. In to Orid Light airs to light beeze from S.E. Pair and cold Bright mornlight Turing to ell tide at 10.00 Distilling with five banked under both B.

gen Rblack Leewtenant W. J. W.

J. B. Millon, Lintenant U. J. D. Navigator.

Third Rate,

LOG of the United STATES Thip Essex Of anchor in the York River off Yorktown, Va.

						U	U										
			Reading		WIND.				BAROME	TER.	TEME	ERAT	TURE.	State of	Forms of	of Clear in 10ths.	of the Sea.
Hour.	Knots.	Tenths.	of Patent Log.	Ship's head.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 10	State of th
		dal	Current	J.													
A. M.	1	4	Ell	Ch. by &.	9 by 6.	2			30.34	44	41	38		b.c.	cis cum	8	
1	1	5	"		0	2			30.35	44	42	39		. ,		7	
2	1	0			I by QL.	1-2			30.35						cum,	6	
3	0	6		Ofest.	0	1-2			30.35	45	43	40		,,		4	
4	0	0	Place	CV. GCV .	,	1-2			30.34	45	43	40		4	cum stal	4	
5	1	0	Olord	96.		1-2			30.32	45	43	40		4		2	
6	0	8		"	п	2			30.31	45	43	40		7		2	
7	0	8		,		2			30.31	45	43	40		,		2	
8	0	8	"	Sorth	9994.	3.			30.37	46	44	37			cum	8	
9	1	Pur	nging	N. N. 94.		3			30.30	48	45	36			cinau	8	
10	0	1	Ell	NO1. by 94.	Fokly W.	3-4			30.27	49	48	37		4		8	
11	0	8		. 1		3.4			30.27							8	
Noon.									1	1		1					
						1		-			1	-	1				

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ⊙	0	,	"
	Longitude by chronometer from Forenoon Observations of O		,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	"
		0	,	"
Position at 8 P. M.	Latitude by Longitude by	0	,	"
Current during the				
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the C	ompass by Azimuth O observed at , "	0	,	"
Water expended de	aring the preceding 24 hours,		500	gallons.
Water distille	d/ during the preceding 24 hours,		200	"
Water remaining of	n hand fit for use at Noon,	l tons	700	"
Coal consumed dur	ing the preceding 24 hours,	/ tons	480	D 1bs.
Coal remaining on	hand at Noon,	69 "	177.	5.

	P. M.										
	r. m.	1	0	Ebb	Oh. by N.	804. by 04.	3-4	30.22 50 50 44	b.c.	cir.cum	5
	2	1	2	,			3	30.19 52 50 45			6
	3		2	,		801. ly 9.	3-4	30.18 55-52 45			7
	4	0	O	·. Plack	9. 991.	.,	3	30.16 59 55 47			8
	5		Sur	mging .	to Flord		2	30.15 54 52 46			7
	6	0	0	Olara	9. by E.	9. by W.	1-2	30.15 52 51 46			6
	7	0	4		96	904.	1-2	30.15 53 51 47		cum.	5
		0	8	-		,,	1-2	30.15 53 51 47		,	3
	9	0	5				1-2	30.1553 5147			3
4	10	0	0	Flack	Guruging Orest.	"	2	30.15 52 5048			3
	11	0	0		. 0 0		2.3	30.14524946	0. c.	nimb	0
	Mid.	0	3	Ebb	Orest.		2-3	30.13 53 50 47			0
	mid,										

under the command of Commander Louis Kingiley
Tuesday (November 13

, U. S. Navy, , 1894.

Lieutenant U. J. OK.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Clear Light airs and brey from I by & and I by M. at 3.50 stopped distilling. Limit and brey from I by E and I by M. Limited M. I. S. Com 4 to 8 a. M.

Drow 4 to 8 a.M. Cloudy and cold Light airs and breeze from I by M. Flood tide.

Received in Deal of Pupplies and accounts 98 4 lbs. of fresh brif for issue to crew.

Drive banked under briles B. for heatingship.

Wheatingship.

Leitenant U.S. M.

From 8 a. M. to Merid

Sentle to moderate been from I II. and I h by W. Fair and cool.

Suring to Elt botevan 8 and 9. Began small arm target practice at targets on shoor fring
from boots: 12 Director with rifler at 300 yards and forward Powder Director with revolving at 1
30 yards Free banked under boile B. for heating ships P. A Paymaster I Ho Kecks and Pay
Yerman J. Order stunded to the ship Received in Pay Deplutment Fire thousand delan
(\$5000) in currency Temperature of magazine 77°76° found, 16°76° aft.

From Merid to 4 P.M.

Bleav Gentle to moderate been from SO by Fr and SO by f. Exercised 2nd cutter and what breat and signed in quall arm target practice. Eld tide little 3.45 Diecharged from the Naval Terrie this day by order of Burbur of Mangation, as underirable persons Ephracion Viet (O.F.) Edmind J. Walch (Mere Ald). Probab Butte Blook 4d, and J. a Daely (Ids). Diecharged present of expiration of term of Enlistment Richard M. Diesly (Nach), Jedu L. Rew (viet) King Daine (D) de Mr. Sean Tea) and Chales Giffin Jean. Banked from under botter B. for heating purposes Sested magazine flood calle and found them in working order.

From 4 to 8 PM.

Light sine to light breeze from Fly Ob. to I Ch. Party cloudy and cool.

Survey to flood at 5.00. 1st Division fruithed rifle practice. Find dans topgallant and royal yards at surect. Friese banked under briles "B. for heating purposes.

Lecutemant W. S. R.

From & P. M. to Mid. Fair then viscost and cloudy Light sire to light breeze from & N. Obges This commenced enouging to elot and finished in 1/2 Done Frie banked under bour of for heating ship.

HP well.

Examined and found to be correct.

J. B. Me illow, Luitenant USA Navigator.

LOG of the UNITED STATES Thip Essler Third Rate, Or anchor in the York River off Yorktown, Va.

	01	WIND. BAROMETER TEMPERATURE.																
T				Reading	0	WIND.			V	BAROME	ETER.	TEMI	PERAT	TURE.	State of	Forms of	Clear)ths.	e Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	Ships head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
		Did	ial f	Surent	The state of the s													
A.	M.	,	0	Ell	Of by N.	Oh by 9.	3-4			30.12	52	50	45		0.0	rumb.	0	
	2	,	2,	-	1	, 8	4-5			30.10	50	50	46		0.0.10.		0	
	3	0	9				3-4			30.09	48	47	45		0. c. N.		0	
	4	0	1		JON by W.	901. Ly O.	2-3			30.04					"		0	
	5	0	0	Place	Ox dor.	Or. 8 Or.	3-4			30.03	48	47	45			"	0	
	6	0	2	Blood	801.		3-4			30.03					"		0	200
	7	0	8		96.		3-4			30.02	48	47	45		•	"	0	
	8	0	8			90V.	3			30.05	+8	47	45				0	
	9	1	4		,,		2-3			30.06						"	0	
	10	0	8		9.96.		2			30.07	48	47	46				0	
	11	9	lun	uging	to EBF	-	2			30.06					0.0.		0	
	on.	0	6	Est	Obest	01901.	2-3			30.05	+	948	46		b.e.	cure sum	4.2	

Course and distance	re made good since preceding noon by observations,	knots.		tenths.
	Latitude by D. R.	٥	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ②	0	,	"
	Longitude by chronometer from Forenoon Observations of ②	0	,	"
	(Latitude by	. 0	,	"
Position at 8 A. M.	Longitude by	0	,	"
	(Latitude by	0	,	"
Position at 8 P. M.	Longitude by	٥	,	"
Current during the	e time, knots tenths per hour, setting to the			
Deviation of the C	compass by Azimuth O observed at , ship's head	0	,	
Deviation of the C	Compass by Azimuth O observed at , "	0	,	"
Water expended di	uring the preceding 24 hours,	4	150	gallons.
Water	during the preceding 24 hours,			"
Water remaining o	on hand fit for use at Noon,	22	50	"
Coal consumed dur	ring the preceding 24 hours,	/ tons	55	1bs.
Coal remaining on	hand at Noon,	/ tons . 68" /	120	
		/		

Р. М.												
1	0	8	866	04.1.04.	Otest	3	30.04 52	49	48	b.c.m.	cum mil	4
2	0	6			Oh. N. Oh.	3	30.03 5					
3	0	2	"	Ch. by N.	W. ly N.	3	30.04 50	53	49			5
4	0	2		- 11	0	2-3	30.05 5	6 54	49			6
5		Jun	uging t	to flood S. F. S.	,	2	30.06 55	52	44			8
6			0.0	J. 901.		2	30.07 53	51	43	b.c.	-	7
7	0	5	Flord	6.96.	N. by 24.	1-2	30.09 53	50	46		cir. eum.	5
8	0	5			N by 6.	2	30.11 52	49	45	b.	nine	10
					1 6.	2	30.13 5	1 47	44			10
10	1	0		6. by 8	1.16.	2	30.17 40	45	42			10
11	0	0		Ödst		1-2	30.19 4			-		10
Mid.		Le	inging	to Gob.		1	30.20 4	144	41			10
			0 0									

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Ornoach and cloudy wrather. At about 1.00 a stiff breeze spring up from the Ob by F. Phodewating at about 1.45 when it brigan to admit disjoining hundred of watch Baironates falling Riding to the Elf tide. Sight are from JOHLY at end of watch Banked free render bother to the strug purposes. I lack water at end of watch andrught to 4 a.CM

Senge Richard & Ensign U. S. D. Moderate to guthe here firm I I'M and I'M Overcast and Training Ticke turned flood at 500. Friew banked under bother B" for heating ship arreins in Pay Dept. the following fresh pervisions . 98 % the both, 79 lb. brad, 147 h lb. rigitable.

Oum 8 a. M. to Merid.

Ourceast fuch three home with name greater pash of the time. Clendy last home. Sight to gentle been from 90% and 04 90% as a mustred at questive Beforder of Commanding Officer placed 6.0. Thocks app 3cl. as a presence under charge of Phastel at anewor to the charge of the first and cleanger to answer to the charge of the apprehentions and cleanger against 6.0. Thocks app 3cl. and delivered to him at copy of the apprehentions and cleanger against 6.0. Thoch appeals and ship finished currency 20 to the truth of the under the second about 10.15 and chip finished currency 20 to the body of the under the second about 10.15 and chip finished currency 20 to the second appeals a surface of magazine 78.76° formed, 78.76° aft.

Lieutewant U. J. M. Our Meind to 4 P.M Fair Sight to guttle beezer from Cheet to Ch N. Baronite rising elightly at 1.00 sent two fining parties to practice at 1.15 local sail to a buttlerie. At 2.00 end another fining party at at 1.00. Ob 3.00 finish sail Fried Diview finished small arm practice. Bankut find under brien B. for heating slip. Riding to the Eth. Pracumin dreft at 1.00, o'class 0.8 tot. Proder Diview finished enall arm practice.

Serge R. Eines. Ensign U. F. W.

Bum 4 to 8 P.M.

Elean Sight airs and breezes from Oh. by N. to N by E. Received from Perfolk Razy Yard in Department of Francising one Jitho to cross head for H. P. guide. J. Black
Britis Praker returned in duty from Perfole Ray Yard. Banked five under bries B. for heating ship Link Condi P. P. Ohis O. S. M. left the Dijf on five days leave of absence.

Hereell Leutewant V. F.M.

Burn 8 P m to Rid. Clear and bright mornlight Fight air and burye from NE to N 116 Barmeter rising. Furnigning to the Est last how. Barked fire under boler B for heating purpose. Jenge Ktraus

Examined and found to be correct.

E Eneign U. I.W.

J. B. Medler, Lieutenant U. IN Navigator.

LOG of the UNITED STATES Thip Essex. Third Rate, Or anchor in the York Twin off Yorktown Va.

			Reading		WIND.				BAROME	TER.	TEME			State of	Forms of	Clear 10ths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	This head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	Jue	balt	Burrent	,													
A. M.	0	4	Ebt	NOW. by N.	1.16.	1			30.20					в.	none	10	
2	0	8	"	John hold.	n	0-1			30.21					*		10	
3	1	3	"	,, 0	"	0-1			30.21					"	-	10	
1	1	1			Calm	1-0			30.22					,	-	10	
5	0	0	Lum	ing to Flord	**	0			30.22	46	43	40		.,		10	
6	0	4	Flord	6.16.		0			30.22					,,		10	14
7	0	6	.,	9. ly 6.	96.	1-2			30.22					b.c.	cum etra	19	
	0	8		98		2			30.22							9	
8	0	8				1			30.22	46	43	40		b.	none	10	
9	0	7		96.6, 8.	9.96	2			30.22	46	45	-43		4	-	10	
10	0	5		01.901.	9.9%.	2			30.22	46	46	44			-	10	
Noon.	0	0	Luring	mig to Ell	991.	2			30.22	46	46	45			-	10	

Course and distance	e made good since preceding noon by obs	ervations,	knots.		tenths.
	(Latitude by D. R.		0	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of O		0	,	"
	Longitude by chronometer from Foreno	on Observations of ⊙	0	,	"
	(Latitude by		۰	,	" .
Position at 8 A. M.	Longitude by		0	,	"
	(Latitude by		0	,	"
Position at 8 P. M.	Longitude by		0	,	"
Current during the	e time, knots tenths per ho	ur, setting to the			
Deviation of the C	Compass by Azimuth O observed at	, ship's head	0	,	
Deviation of the (Compass by Azimuth O observed at	, "	0	,	" -
Water expended d	uring the preceding 24 hours,		4	150	gallons.
Water	during the preceding 24 h	nours,			"
Water remaining	on hand fit for use at Noon,		1	800	, "
Coal consumed du	ring the preceding 24 hours,		tons	212	5 1bs.
Coal remaining on	hand at Noon,		.67 "	83.	5.
			1		

P. M.											100	
1	,	4	Ell	Okest	994	2-3	30.24 59	55	50	b.c.	Cir cum	9
2	1	2		**		2-3	30.2160	56	51			9
3	1	0				2-3	30.20 61	57	51	b.	none	10
4	0	8		Oh. by N.		2.3	30.20 61	57	52			10
5	0	0	Flack	Levinging to flord		2	30.20 58	56	51	b.m.		10
6	0	1	Flord	96.		1-2	30.20 56	54	50			10
7	0			96. h, 9.	Porth	1-2	30.21 57	55	51			10
8	0	6		6.98.	9.8°W.	1-2	30.20 57	55	51		-	10
9	0	7		9.98	,,	1	30.2057					10
10	1	0				2-4	30.20 57	55	51			10
11	0	8				1	30.21 56	55	52			10
Mid.	0	0	Flack	Guruging to ebt.		1	30.21 56					10

Ensign W. J. W.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Medrught to 4 a M. Generally clear and cort Bright mornlight Barometer steady Banked frew in briler B. Calm to light are film NAE 7. J. b. Pema n. J. b. Szman Ensign W. S.W.

From 4 to 8 a. M.

Clear Calm followed by light sine and here from 96 Janing down Banked frie under follow B. Received in Dept. Supplies and accounts 984 b. eall of fresh buf and originates. At 6.00 crossed light yards. Hurrell D. J. M.

Orm 8 a M. to Merid.

Clear, pleasant wrather Tight breezes from 96. to 90% at end of watch Steady bacometer. Finished tarning down Quartemaster 3rd class O. Schlecter reported the exquestion of his term of exhibitions and was paid off with and howards discharge Seemd Dinum families revolve practice. 3rd Dinim finished wife practice. Fire backed under briles 13, for heating purposes. Demperature of magazine 70° 69° forward, 68° 66° aft.

Sergo R. Toaces, Longe Rivaues,

Our Merid to 4 9.9%.

Chear and pleasant. Tight to quetle I'M breeze. Barometer falling. at 1.20 Summary Court Chartiel was communed by order of Commanding Officer for the tinal of C.A. Thorke appears to the tinal of C.A. Thorke asked from indeed fried under boiler B. for heating purposes.

Ensign U. S.W.

From 4 to 8 P.M. Chow rose at about 7.30. Light air and breeze from 4th to Inth. I teady bournets. I way to the flood bottom 400 ald 500 Banked file under boiler B. for heating purposes. George & Cisaus, & Energy D. G. M.

Elean and cook . Mornlight. Mordenate been from 9.8.94 to calse Bacometer atendy. Banked fire under boles 13. for hatting purposes. No Softman n Tholaman & AM

Examined and found to be correct.

J. B. Millin, Sutrangator.

LOG of the UNITED STATES This Esslx, Third Rate, Or anchor in the York River off Yorktown, Va.

-	T		-	Reading		WIND.	0		0	BAROME	TER.	TEMP	ERAT	URE.	State of	Forms of	Clear Juhs.	e Sea.
Hour.		Knots.	Tenths.	of Patent Log.	Ships head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M	1.			Ebb	Ofest	SOV.	1-2			30.21	54	SZ	49		b.m.	none	10	
1 2		1	8 2	000	Ot by N.	9.30	1			30.21							10	
3		1	4		.,	h -	1			30.21					b.c.	cir.cum	'	
4		1	20		Orest.	"	1			30.21					b.o.m.	.,	9	
6		1	0		Oh. by 4.	for.	1			30.21							9	1
7		9	6	Gland	FON. Firstle		1-2			30.20					b.c.	cusw.etia	7	
9		1	0	· ·	9. by E.		2-3			30.2/					baz.	none	10	
10		1	0			,	3-4			30.21					. "	. "	10	
Noo:		1	0 8		. ,		5-6			30.26		'					10	
100																		

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
		0 /	"
	Longitude by D. R.	0 ,	"
Position at Noon:	Latitude by D. R. Longitude by D. R. Latitude by observations of ⊙	0 /	"
	Longitude by chronometer from Forenoon Observations of ②	0 ,	"
	(Latitude by	,	"
Position at 8 A. M.	Longitude by	0 ,	"
	(Latitude by	0 ,	"
Position at 8 A. M. Position at 8 P. M.	Longitude by	0 ,	"
Current during the			
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the C	Compass by Azimuth O observed at , . "	0 ,	"
Water expended d	uring the preceding 24 hours,	500	gallons.
Water distil	during the preceding 24 hours,	100	"
	on hand fit for use at Noon,	1400	"
Coal consumed du	ring the preceding 24 hours,	1 tons 90	lbs.
Coal remaining on	hand at Noon,	1 tons 90:	
		1	

Р. М.												
1	9	unua	rug	01.991.	9.994.	5-6	30.21 67	63	57	b.o.g.	none	10
2	0	40	688			5	30.2167	64	59	0.	"	10
3		0		Chest		4	30.21 68				"	10
4	1	0				3-5	30.21 68	65	61		,	
5	0	8		99. by 94.		3-4	30.21 69	64	60	bog,	cor-cum	9
6	0	6	"	gou!		3-4	30.21 64	162	59		1,	9
					9.90h.	1-2	30.20 63	63	60		0	9
8		Furn	ging	to Olm		0-1	30.20 63	62	59	b.		10
9			0		04.804.	0-1	30.2163	62	59	b. nv.		10
10	0	4	Flord	98.		1	30.21 62			b.	.,	10
11	0	3	.,		Fox.	2-3	30.22 62	61	58	b. w		10
Mid.	0	0	Hack	Lurnging		2-4	30.22 62	61	5-8			10
				0 1								

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. blear and cold Bright mornlight Light airs from Ich and I Sen. Riding to the cold tide Price backed under bile B. for heating ship W. R. Caperton.

Lieutenant U. J. M. From 4 to 8 a.m. Elea pleasant unather Light aire and brever from the II. Barometer steady. Received in Tephaturet from the Entractors, files privisions as follows, viz:-79 lbs. brand, and 98 % lbs each of hif and vogetables. Carried a kedgy out on post quater at alm 7.50, This surveying to floor tade. Banked free under biles B. for heating

Fenge K. Eduis, Edución & Eución & S. M.

floay. Sight to been 90% buy. Baroneter steady. At 10.30 commund and fried port purmary batters at target archived 1500 yards, firing 9 shoth from each gun. Inde turned et at 12 & clock. Got a spring from starbard quarter of starbard claim. At 1.30 commund distilling with faulted free runder bother B. Swich Ch. B. Lagerton was detached from their ship by well of claim Separtness and granted 3 months leave of about Semperature of magines 70-69? found, 68° 41. Oum 8 a. m. to Merid.

M I Xanfrman

First Merid. to 4 P.M... Ohind from Oh. F. Ch. variable in frow and blowing in equalle. Clear and pleasersh. Ell tide. Stopped main battery target practice and brings to brand bring unable to keep ship broadede on Plangatori Division began target practice with revoluce Distilling with five backed under botter B. Geore Grand Ch. S. A.

From 4 to 8 P.M.

Generally clean . Producte breze from ON. 404 to 9. 404. to calm Pa. Brymaster

J. H. Krike O. J. M. Leff ship on five drugs law. Thomas Stephens, Ear, and Benj Bailey Mach.

left ship in change of Europe Os. M. Daylor and the Bayman to be transfered from their ship

for treatment by order of the Chang Department. Distilling died banked five under briter B.

The Oleran

No Cholenan Ou S.M. Fine 8 9. CM. to Mid. Light aris to mertwate been harding from O. F. to F. Ch. & leav and cook. Heavy dew. Stack water at 1200. Bright mimilight Distilling with frew banked under briles B.

Geo Rocallo

Examined and found to be correct.

D. B. Me illon Laitewart & S. M. Navigator.

LOG of the UNITED STATES Phip Essex. Of anchor in the York Ruri off Yorktown, Va.

Third Rate,

-	101	/001	varior	No sola g	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1	1	1			/				1000		_
		T	Reading	0	WIND.			0 -	BAROME	TER.	TEMI	ERAT		State of	Forms of	Clear Oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Waternt Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
		val l	unent	0													
A. M	. 0	4	886	F94.	ON SON.	2			30.22	61	60	55		b.	none	10	
2		5			,,	2			30.21	61	60	55		"		10	
3		0			Hest	3			30.21	61	59	56				10	
4	,	0			,,	3			30.21	61	59	57		2	"	10	
5	1	2	1.	Orest	FOV. by OV.	3			30.20	61	59	57		b.o.	cum.	8	
6	1	2	n	Ok. by 8.	. 0	3			30.20	62	59	28			cam . muil		134
7	0	6				3			30.19	62	60	58			-	2	-
8	0	2	Flund	901. h, 04.		3.4			30.19					b.c.w.	stust	1	
9	0	6	,	f.961.	994.	3-4			30.21	63	62	61		"		1	-
10	,	2	4	n	"	2.3			30.23	266	63	62		b.c.q.	cir.cum	4	
11	1	4		9.96.	,,	3-4			30.22	66	64	63			, "	6	-
Noor	,	5				3-4	4		30.22	67	66	64	+			5	
NOOT		-								1							
		-				-	-		-	_							

Course and distance made good since preceding noon by observations,	knots.		tenths	
(Latitude by D. R.	0	,	"	
Longitude by D. R.	0	,	"	
Position at Noon: Latitude by observations of ⊙	0	,	"	
Longitude by chronometer from Forenoon Observations of O	0	,	"	
(Latitude by	•	,	"	
Position at 8 A. M. Latitude by Longitude by	0	,	"	
	0	,	"	
Position at 8 P. M. { Latitude by Longitude by	0	,	"	
Current during the time, knots tenths per hour, setting to the				
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	·	,		
Deviation of the Compass by Azimuth @ observed at , "	0	,	"	
Water expended during the preceding 24 hours,	4	00	gallons.	
Water distilled, during the preceding 24 hours,	13	00	"	
Water remaining on hand fit for use at Noon,	2,3	00	4	
Coal consumed during the preceding 24 hours,	1 tons)	41	5 1bs.	
Coal remaining on hand at Noon,	1 tons)	45.	5 '	

P. M.		An.			901	2 -	2000 1011 1 000	-
1	3	Ilac	le Ju	migmig to Obb	ga.	3-5	30.22 71 68 66 b.e.g. cir	cum. V
2	0	2	Ebb	many to Ebb	"	3.4	30.22 71 68 66 b.c.g. cer	muit.0
3	0	4		Ol by N.	4	3	30.22.68 66 65 b.c.	
4	0	8	-	NOW by Or.		1-2	30.22686766 " cir	.cum 5
5	0	6		NOW by Or.	Vanable	0-1	30.21656564	
						0-1	30.18 65 65 64 . cum	wint 2
						0-1	30.18 64 64 63	, 3
8	0	2		North,		1-4	30.19 63 62 60 b.c.g.	1
9	5	Flac	le .		Morth	1-4	30.20 59 59 57 0.c.g.n. a	int o
10	8	um	ania to	Olord	"	1-4	30.20 58 55 54	
11	0	8	Flord	6.96		1-4	30.2056 54 53 0.0.9.	
Mid.	1	21		East.		2-5-	30.20 54 51 51	. 0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Sight to gentle breeze from M. & M. and West Banked free under briler B. Distilling. Est tide. Lintenant N. S. R.

From 4 to 8 a. M. .

Glady wather. Gentle to moderate breef from Feb. by M. Basometer steady Received on brand in Pay Dept. 87 12 lbs. fush brif 8712 lbs. fush wegetable and 70 lbs. feels briad. Distilling with five backed under briler 18.

U. T. Conforman U. I Son from an

From 8 a. On to Mind.

Sight to moderate breeze Horoning in perfect from Sah Fair and pleasant Flood tide. Began target practice with eccordary battery (pdr.) (lange 1000 garde, observing fall of shot from chip and brah. Floopped practice at 1160, the target bring carried awarf brought wrich of tought on brand at 11,50 called all hands to muster and read that autilies of the Tumbary brut Martal in the case of 6 a Phocke app och changed with theft. The specification who found proof and the arithmer was as follow. To be comfound in the first are now or film. in dulle some on bread and unter for thirty (30) days with full rations every lifted lay. To the months i he can follow dutter and look of pay for the months; loss of pay campting to Inverty serve (27) delaw. In accordance with the heavenmentation of the Turgen the Review authors, changed that park relating to full rations from every fifth day, to every their day. I had park relating to full rations from every fifth day, to a great day was referred to the Friends of the Para to a great was unformed in accordance with the above. Distilling with file bourier under books. Temperature of magazine 12° 72° formal, 66° 66° 46. Geore Cearl V. J. R.

From Merid. to 4 4.9%.

Overcast to clear. Fight airs to stiff been in puffer from II. Sent library party ashow. This finished wring to elt tide about 2 P. Mr. 13 anked free under looked to Established.

Lieutenant Ch. Lon.

From 4 to 8 P.M.

Calme and light airs to moderate been variable in direction blody Et tide all the library party of application returned eacept b. b. Gulier . Distilling with fine banked under boler B.

Gen R Geal Questenant Qu. & M.

From 8 P. M. to Mid

Overest and clowdy. Pain part of first two hours. Sight air from North men saing to moderate and stiff buyer in agentle Banked frie under brite B. Distilling. Stock water from 8. 15 to 10.30 when the ship furthed sungrey to flood tide.

J. B. Me ilton, Lieutenant U. M. Navigator.

LOG of the UNITED STATES

s Ihijo Essex the York Rivin oll Yorktown Va

Third Rate,

			Reading		WIND.				BAROME	TER.	TEME	ERAT		State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	Ships head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Sea
	Divola	10 6	surent	0													
A. M.	0	8	Flord	East	North	4-5			30.20	52	. 59	49	,	0.c.9.w	nine	0	
9	0	2		N. N.E.	N.N6.	4-5			30.20	51	49	48		,		0	
3	0	3	Ell	N by %.	"	2-5			30.20	50	48	47		.,	cum sunit	10	
4	1	3		N W.	"	3-4			30.20	50	48	47		0.c.g. A.	nint.	0	
5	,	4		"	,,	3			30.20	50	48	47		0.m.		0	
6	1	2		"	"	2		-	30.25	50	48	47	1	"		0	
	,	0	,	,	,,	2			30.30	50	4-8	47		.,	,	0	
7	80	and			"	2			30.35	50	48	47				0	
8	8		Flood	nort-		2-5-			30,30	51-	49	48		o.c.g.		0	
9	00	3		N. n. 8.	No E.	2-4			30.35	5-1	49	48		.0		0	
10	6	1-		208		2-1-			30. 31	18	49	48		-		0	
11		7		1		2-5			30.31	1-9	48	48	7	1.	.,,	0	1
Noon.		1		.0							1	10					

Course and distance made good since preceding noon by observations,	knots.		tenths.
(Latitude by D. R.	•	,	" .
Longitude by D. R.	0	1	"
Position at Noon: Latitude by observations of ©	0	,	"
Longitude by chronometer from Forenoon Observations of ②	0	,	"
(Latitude by	0	,	"
Position at 8 A. M. { Latitude by Longitude by	0	,	"
	0	,	"
Position at 8 P. M. Longitude by Longitude by	0	,	"
Current during the time, knots tenths per hour, setting to the			
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the Compass by Azimuth ⊙ observed at , "	0	,	"
Water expended during the preceding 24 hours,	5	00 8	gallons.
Water distilled during the preceding 24 hours,	9	00	"
Water remaining on hand fit for use at Noon,	27. 1 tops 6	0-0	"
Coal consumed during the preceding 24 hours,			1bs.
Coal remaining on hand at Noon,	63 ")	105	

		T		1			TIT				-			
P. M.														
1	0	6	Flort	F. by S.	n. No. C.	2-3		30,31-	50	49	48	o.c.	mint	0
2	0	Slo	ck	.5	" -	2-3		30.34	17	49	49		*	0
3	0	Swi	uging	L. 266	,,	2		30.34	50	49	48		,,	0
4	1	0	DEBL	h.s.fr.		2	3	10.34	50	49	48	,,		0
5	1	4		ha Mr. by Mo	North	2		30.34	49	48	47	v.c.d.		0
6	1	U		h. h. fa W.	11	2		30.34	49	48	47			0
7	1	8		4		2	1	30, 33	49	48	49			0
8	1	2		h. H.	, ".	2	3	10, 32	48	47	46	o. c. m.	4	0
9	0	5		No Mr. by Mr.	non.	2	9	30.38	49	48	46		.,	0
10	8,	luc	k.	aho, fr.	,,	1-2	3	80. 33	49	48	40		,	0
11	5		jung (Floor		1-2	1	30,32	49	48	47	"		0
Mid.		2	1	S. E. by S.	,	2		30.31	49	48	47	"		0
				J										

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 Q. M. .

Oricast cloudy and damp Sight to stiff breyer from North to N. N.E. Stopped waporating at 1.10! Bavonette alms steady Thinging to the elle letteren 3.00 and 400.

Ferre & Ecous Surge R. Licary Gr. Euryn Q. S. O. From 4 to 8 B. M. I sentle to light breen from N. N. 6. Overcast and mitty. Eld tide. L. M. Sulier app 3cl, returned on board 15/2 however orntime Received on board in Pay Dept. 87/2 lbs. feel book, 87/2 lbs. feels regetable and yo lbs. bread. Frie banked under biles Br for George Gentler & S. S. S. From 8 a. M. Lo Merid, Overcost & cloudy Light being from N. N. E. and N. E. Howing stiff in aguallo. at 9,80 musliffed all quadro Comidy Officer inskelled knew and askip and clear held divined hurice. about 911 fainth awaying to flood list . Danfel fires under biller D'. Distilling Limiteral W. S. no From Merid to 4 C.M. Overcost and cloudy. Light to guilt heigh from 10. 10. B. Swang to the Eth at 3. at / C.M. shulf a liberty body of afficulties, gut show, at 10 stocked distilling Doubled first whether to for healing ship. J. Bills clien & No. From 4 lo 5 CMo.

Concast and cloudy. Mist and dingling non dight bruge from 16.

They order of lornidy officer placed bharles Wheeley (Word C. Vendert charge of Mathewat to Countil, injuration for sungesting ligar on board attishment to a Hayer Ir., Navio L., Brill at and the thirty has all abstractions and the sund the all abstractions and the sund that the all abstractions and the sunder th 3th bless, returned in foord each 2/2 hours overtime. Touched fire under boiler to for healing ship. Leuler out h. & n. From 80M. to Medicift. Course & misty fight airs + bruges from the 10 H. Barounter about alrady. at 1/100 bounging to the flood thing founded under toler to for feeling of corporate from the flood thing for the second of Jeorge Warang Disign 10.8 M

Examined and found to be correct.

LOG of the UNITED STATES This Essex

	и	au	Ler	o un in	Time no	er	V	F	TME	w	w	-,	Va				
			Reading		WIND.		0		BAROME	TER.	TEMP	ERAT	URE.	State of	Forms of	Clear oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	0	8	Flort	S. E. Ly S.	N. W.	1			30,30	49	47	47		ð.c. w.	ninb	0	
2	0	5		. (West	2			30, 30	50	48	47		"	"	0	
	8	wi	-ci-	g to Ebb.	" "	2			30, In	49	48	47		o.c.		0	
3	0	5	(EH-C	N. M. M.	Mr. n. m.	2			30,30	49	47	45	2 13	"	. "	0	
4 5	1	1	0	"	"	2			30,29	49	47	45		o.c.m.	,	0	
	,	4	"	. "	"	2			30.29	49	47	45			,	0	
6	,	0		n. M. Ly M.	.,	2			30,29	49	47	41	-			0	
7	,	0		no tothe.	**	2			So. 29	48	47	46				0	188
8	0	2.		Spunging to have tage	e Ol. by N.	3			30.29	48	47	46				0	
9	0	0		moord Hoed North	Otest	3			30.30							0	1
10	0	0		"		2			30.30						Cum. sum	60	
Noon.	0		Flord	J.NE.	C4. A C4.	3			30.32							0	
														1			

Third Rate,

Course and distant	ce made good since preceding noon by observation	ons,	knots.		tenths.
	(Latitude by D. R.		0	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon Obs	servations of ⊙	0	,	"
	(Latitude by		٥	,	"
Position at 8 A. M.	Longitude by		0	,	"
			0	,	"
Position at 8 P. M.	Longitude by		۰	,	"
Current during th	e time, knots tenths per hour, set	ting to the			
Deviation of the (Compass by Azimuth O observed at , sh	ip's head	0	1	
Deviation of the (Compass by Azimuth ⊙ observed at ,	"	0	,	"
Water expended d	uring the preceding 24 hours,		5	00	gallons.
Water	during the preceding 24 hours,				
Water remaining	on hand fit for use at Noon,		2 ;	000	"
Coal consumed du	ring the preceding 24 hours,		/ tons	50	lbs.
Coal remaining on	hand at Noon,		62 " 11	55	

-	1								1					1	
P. M.															
. 1	0	2	Flord	96. by 9.	Okest	2	3	30.32	50	49	48	0. c. m.	cum.	0	
2	0	3				2-3		30.3	1 50	49	48	·b.c.	suint .	4	
3	0	2				1-2	3	30.3	1 50	50	50		cir.	8	
4		a	wingin	g to abt.	N 94.	1	3	30.34	1 50	54	51		.,	8	
5	0	6	Ell	. Ch. so.	N. N. 6.	1	3	30.3	2 55	53	50			8	
				104.	NG.	2	3	30.3	0 53	52	50		cum	5	
7	1	2	"	*		2	3	30.3	052	51	50			4	1
8	1	0		-	North	2.4	3	30.3	051	49	46		"		
9	0	8		N 04. h 04		3	3	30.32						6	
10	1	0		NOL.	,	3	3	30.32					none	10	
11	0	9			A. N.E.	1	3	30.32	47	45	42		-	10	
Mid.	0	0	Flack	NOL.	A. NE.	2	3	3032	,					10	
				0 1 0											

under the command of Commander Lines Dingsly

Monday, Nov. 19 to

, U. S. Navy, , 1894.

List of Punishments

8 a. Mr. to Merid.

0			_ o w. m. is mend.		
Rin					4
					Barometer
· sl					
/	- Manuel	Rate	OPP	Purishments.	100-
	Isames	CONTRACTOR VALUE OF THE	Offereer. Philosophic disty and presering deseption of tra- lectring from blebuty deserved	0	Joseman Julos b. S. M.
0	Itme G.	aggs. 3rdel.	Therefore his diety and practicing designten mill broke	of hours later duty.	-gr 16. A. No.
ho		00.	Oceaning from verticity arank o	priaraulined will further where	
	Greek Ho.				civid in
1	Jones J.		hat storing banners when all hands called	4 hour extendute	1 1 0
8	Greingen Ch		Not strong hammer when all hands called Orestaying librity 15/2 Lower	Quaranteried until fully ordere	bo, even of
the	Church &		Searing clother lying avenue the deck	2 home extra duty	7
1)	bhuch E.		Seaing clother lying avenue the deck		Puncell
- /	Black on &.		Leaving clother laying around derke		Lucell Loud to S. No.
h	Deignen J.	-			Lucus 16. S. No.
Pro	Kam J. J.				
	James 2 y.	-	Out of semiform maning non regulation elect	Quarantial for / letrity	Week to OL LOW
	Huich H.		Out of emform maning now regulation elect Searchedina of roles Thair meeting shick selem Tending Clother askyr	times extre duty.	Chest to Oh. NO.
al	Balker a.	-	One Kish Polyments at mess landtin	4	pring to cable on
ment	Longrecker O. L.		Onaking false-sports at mess formation	4	flord Carried target
feer			Steeling a notal cap how some me unknown	Quantitud until futher mes	The same same
net,	Laugneter Oh. C.		for app. It a. Ituat		the way Turnging
to	Dallo y. L.		Steling a ratel cep, fine some me runternum for leg of a Final ero from App F. Flow Art leaving with rep market	Duamantimb until futher ordered	ents were assigned
la.			Not having watch cap marked	4 some extra duty.	hout leave from 11.00.
70	Kufr 8.			+	+ : -
den	44 -0			4 "	ating purposes.
	Thay a. 9.		0 7	4	c m
	Gergnen F. g.		Shirking	4	Gusign W. S. W.
Pum	Lunt H.a.		"	4	0
	Canuer L.a.		Filthy January Late Languery Donataying librity 2/2 hours	#	Barmeter variable.
0 :			Late hammel	Quanastrud for I librity	
7.0	Thurt H.a		Duristaying library 21/2 nous	Luciantial for I librily	as released from 2.30
to	Dano J. L.		. 0 0 0		the Commanding Officer
Cha	Gallett Of. H.			, , ,	, liguer on brand ship .
22	Bill a.J.				in Time in builed
0	of ager M.		Hauging urb clothes on capestan engine	+ Romes extre duty	to boiler B.
fore	Dister & g. D.		and and and and and and	4	ter borler W.
	Vilen 3. R.			4	On a
	Bugation E. J.		Leaving clother laying award brith deck	2	J Los Eman
	Filech X.		Leaving clother laying around brith deek bucking detail arm in 2th cutter and deep ingercuan	6	Ensign W. S. W.
2	Mr. Siff BL. J.			6	Cherge w.s.
Oun	m. guff of . J.			6	
	Hunt H.a.		Chewing thrace respectivating in brats Frealing another brya Alvera	8 ". Manautined with futher orders.	low when wind
0	Kenny I.a.		stating another trys store	minute picorno.	
bac					ids and housed
tops					in, H. Bruhn appoll.
two					for blocking etailrand
gan					heating purposes.
					& · mida
2					Ousign U. I M.
Promo					
	-61	and and c	ook. Sentle to light breeze from	w North to N. N.G.	Barometer steady
			1 1		

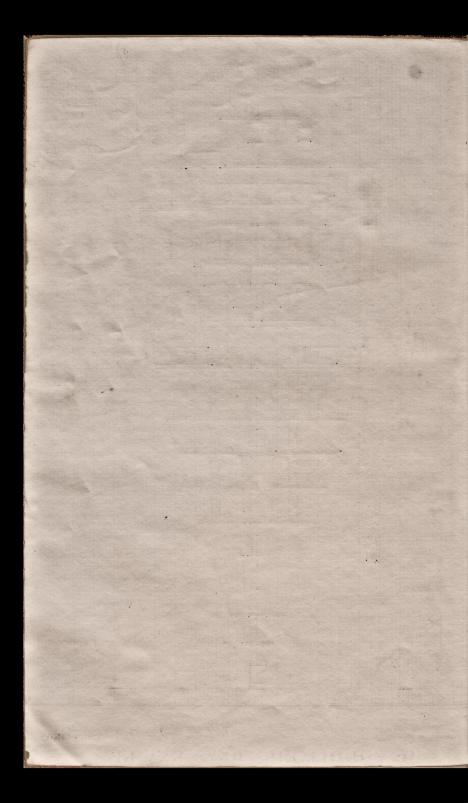
Examined and found to be correct.

Banked fries under biler B.

J. B. Me elton Lieutenant Q. S. M. Navigutor.

7 I boleman Ensign W. J. M.

4-20



From Midnight to 4 a.M. Confront cloudy weather: light heigh from N. W. to W. Baroneter standy.

N. D. Golfeman Dinger to 8 a.M.

Coverant & cloudy. Mirty. Dight heigh from M. N. W. Received in what of high had and 87/2 lbs. each of field they and augulables. Banked finis senter both B.

From 8 a. On. to Merid.

Overcast and cloudy wrather . Fight to gettle breeze from Otest to Ot. N. Ot. a. 8. 15 exprising chip around to heading about A. N. 6. against off tide neing epring to eable or port adv. Carried heady will not on étailorand quarter in order to hold chip to flord. Carried taight not his was simple to hold taight practice or account of echornes bring in the way Thinging to flord at 10.00. Baronete viving. A about 10.15 musteud at quarter Phinihments were seigned by the Commanding Officer as fellow: The list J. I richolan C. Mate 3 a.) about without loave from 11.00. Timpuative of magazines 72:72 foured, 66:66: aft. Barked five under botter B for leating payeres.

Single M. F. R.

Proof Plaid to 4 4 9 M.

Partly clondy Gentle brew to light and from Pheet to 18 Barometer variable.

J. I. Prich read bloom to That 3th Class estimate from leave Charles a. Thick's apy 3th class was released from 2.30 to 3.30 for exercise in enight under by order of the Commanding Office. By order of the Commanding Office Charles Philler, Phiter 2th class was disjusted to Laudeman for attempting to energy legion or braid slip. Charles Philler Fredhold Philler France Division functed from the Mary was the Naingatore Division functed from which is the surface of the Naingatore Division functed from which work at target on above. However, when the surface Price tracked under the St.

n. The Fernan Ensign U. J. M.

From 4 to 8 P.M.

Fair. Light aire rand breeze from N. N.E. and N.E. until last home when wind backed to Northward in moderate aquall we encoded to encode to partie the following periodical was arrived by the Commanding Officer, E. Bruhn approximation home extended the for Northing a. S. Blank legges of one home extended to for blocking starband gaugury forward under forcastle. Barmete stardy. Since backed under the for heating purpose.

Surge R. Coars.

Surge R. Coars.

From & G.M. to Orid

Banked frie when boles B.

71 I bol Eman Ensign U & M.

Examined and found to be correct.

J. B. Me ilton Lintenant & S. M. Navigator.

LOG of the UNITED STATES Thip Essex Third Rate, Or anchor in the York Cion off Yorktown, Va.

						1			0	0								
						WIND.				BAROME	TER.	TEMP	PERAT	URE.	State of	Forms of	Clear)ths.	o Sea.
		Knots.	Tenths.	Reading of Patent Log.	Ships head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
		Dida	u 6	unent	0													
A.	M.	0	10	Flord	East	J\6.	3-4	3		30.31	47	41	40		b.m.	none	10	
	2	0			6.46.		2-3	3		30.32	48	42	40		b.o.	cir. cum	. 6	
							2	3		30.32	48	43	40		,	-	8	
		0		Flack			2	3		30.22	48	43	40		8.	none	10	
	4	1	2	CAA	1.16.		4-5			30.42	48	40	38		b.e.g.	cir. cum	8	
	5		4		N by W.		3-4			30.42					0	cum strat	5	
	6	1	4		16.	· ·	3-4			30.48					.,	cir. cum.	6	
	7	1			OV -5V .		3			30.55					f.e.	-	6	
	8	1	2			6.16.	3-5			30.62		1				cir.cum	8	
-	9	1	0		Month	6.06.	3-5									-	8	
1	0	0	8		Jorth.	•				30.63 annied	10	41	- 4			cin		
1	1	0	6				3-4			30.65		1.00				con	9	
No	on.		3	lack	N. N. Ot.	East	3-4			30.72	46	44	42				9	
							-											

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ②	0	,	" -
	Longitude by chronometer from Forenoon Observations of ②	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	"
		0	,	"
Position at 8 P. M.	Latitude by Longitude by	0	,	"
Current during the	e time, knots tenths per hour, setting to the			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	•	,	
Deviation of the C	ompass by Azimuth O observed at , "	•	,	" "
Water expended di	aring the preceding 24 hours,	4:	50	gallons,
Water	during the preceding 24 hours,			"
Water remaining of	n hand fit for use at Noon,	17	50	"
Coal consumed dur	ing the preceding 24 hours,	tons	iyo	D lbs.
Coal remaining on		tons ;	59	0 '
		, ,	1	

						-						-				
P. M.																
	0	4	Flord	Moored Local NNE	€. \$6.	3	30	.74	47	45	48	1	be.	cum.	5	
				16. by N	. East	4				45						
						4				46				cir. cum	4	
				E. NE.	East	4				46				,	4	
					6.16.	3				40					5	
6		9	Flack			3-4	30	70	48	45	43			sumb.	5	
7		Lu	mania	to Ebb.	East	4-5	30	.69	48	45	43	0).c.		0	
8	0	2	Ell	S. Oh. by Oh.	NE.	5	4	,		45					0	
						1-2		,		48					0	
10	1	2			6.96.	2-3				51					0	
						2-3				51					0	
Mid.	0	0	Flack	NE.	East	2				51					0	
								'								

Tist of Punishments 8 a. M. to Merid.

rud cool. Bright mornlight

					mg ship.
	Names.	Rate	Offensel. Late hammock	Punishment	0
	Wilson C.a.	app. 3 class	Late hammock	, how extra duty	Lieutenant & S.W.
	Hane J. A.		" "	1	Lieutewant Q. g. Q.
	Steen P.		Thicking under topgallant forcastle while equang	3	
	Hisch H.		proface servency in quality meen		NE. Barometer vieing very
	On: Chiff, J.J.		Failing to erub clother in morning watch Falsebook to Officer of Deck and Grader at arms.		ylor reported his return
	Gailett & H.		Reing menting language towards a petty officer	2	yards Received in braid
	Treusey J.a.			2	setables and 70 lbs. head.
	morgan G.			2	
	Molee 9. Dalhade 6.a.			2	Evals.
	Dunne 6. W.		Othiotling on bith deck.	2	Eneign Q S.M.
1	Kenney J. a.		Thickey at General Quarters.	3	Oneign W. J.M.

to East. Bavoneter rising crew in charge of Eurigh

xo. Morgan app. 3 class, was confined in droth win for three days for decordings of order. The following fundaments were administred by order of Commanding Officer (See list) & of specing on starband Chain Green banked under bother B. for leating purposes at 11.00, decorned that the new mind balonte was not of order protectly broken by dechange of gun.

From Merid. to 4 4.9m

Black and cook Freek brew from East, E. by 9, and 6.96. Link & R. Clark
OR 9.90. was retried to appear before the bread for the evanimation of officer for permetion, in
Chashington on the 22nd instant Engaged during witch at target practice, expending 27, 4° shell,
60, 6 fds. shell and 10, 19ds. shell Riding to flood with 75 fathome chair with a spring on
the eable and a hidge on the starband quarter Fine backed under only B. for heating purpose
Worteporung & Lay long 14.90.

Orm 4 to 8 P. M.

Party cloudy and cook. Gentle to stiff berry from East to NE. Barrente felling Leint. G. R. Clark left ship under order from Department for examination for permotion Banked free under birles B. for heating purposes. 71. I Col Eman Eneign 91. 991.

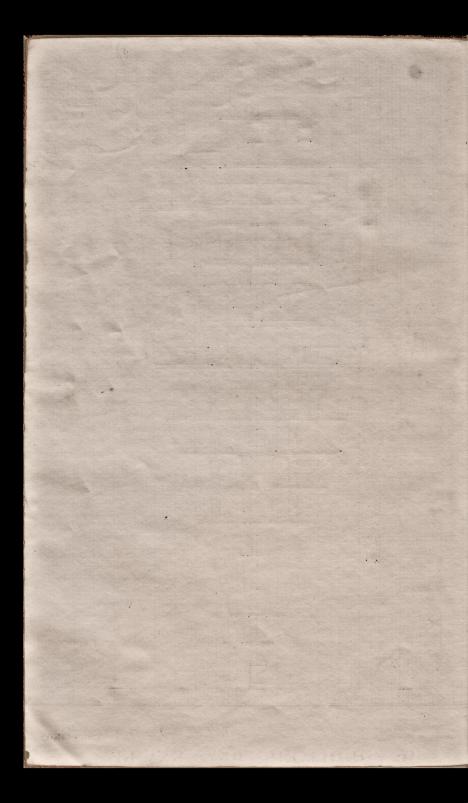
Dem 8 G. M. to Orid

Ourcast Passing chower last part Light airs to gentle breen from N.E. shifting to E. FE. and Each . Flack water at 11.30. Banked fine under boiler B. for heating purpose

Westermery & Longer OL J. O.

Examined and found to be correct

J. B. Milton, Luitenaut M. S. N. Navigutor.



Geor R. Besser

From 4 to 8 a.m.

Elean and cool. Sentle to moderate breyer from the NE. Baroneter viering very rapidly. Squally first part. Riding to the abb tide Enrigo On & Saylor reported his Atun from Muty. At 1. 45 and up topgallant maste and topgallant and royal yards. Received in braid in Cay Dept. from the Entrectors, 95 % lbs field book, 87 4 lbs fresh bresh regetables and 70 lbs. bread. Banked fice under boiler B. for heating purposes.

Tronge Meadle. Re Eneign Q. S.M.

From 8 a. m. to Merid.

Clear and cool. Fiff to gentle breeze from 6 No to Gast. Bevormeter rung. Finish three shorts from 4 wich R. I have vio 48, at 1500 yeards. That brothe crew in change of General Beliman to more schorme clear of target By order of Commanding Officer. Too Margan app 3 clear, was confined in drops with for three days, for desobrcheres of order. The following functionate ware administrated by order of Commanding Officer (See list) I of expering on standard chain Drie bushed under boles B. for heating purposes At 11.00, decread that the murunial balante was not of mu, probably broken by duckage of gum.

From Merid. to 4 4.9M

Chav and cook Fresh brew from East, E. by 9, and 6.96. Lint. & R. Clark
Ob 9.90. was ordered to appear before the braid for the examination of officer for persection, in
Charlington on the 22nd instant Engaged during watch at target practice, expending 27, 4° shell
60, 6 pls. chell and 10, 1 pls. chell biding to flood with 75 fathome chair with a spring on
the eable and a hidge on the starband quarter Fine backed under bile B for heating purpose.

Worteporus and a hidge on the starband quarter Fine backed under bile B. for heating purpose.

Orm 4 to 8 P.M.

Party cloudy and core. Gentle to stiff breze from East to NE. Barmeter felling Lieut. G. R. black left ship under order from Department for Examination for permotion Banked free under boiles B. for heating purposes.

71. I Col Eman Ensign U. I.W.

Jam 8 G. M. to Mid

Ourcast . Passing shown last part . Light airs to gentle brew from N. E. shifting to E. F.E. and East . Flack water at 11.30. Backed fine under boiler B. for heating purpose

Westgrung on Longian Energy Of & ON.

Examined and found to be correct

J. B. Milton, Luitenaut Vi J. W. Navigator.

LOG of the UNITED STATES Thip ESSLX Third Rate, archor in the York Puri off Yorktown, Qa.

1				Reading		WIND.				BAROME	TER.	TEMP	ERAT		State of	Forms of	Clear Jths.	o Sea.
		ts.	the.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	oway.	Height in inches.	Ther.	Dry alb,	Air, Wet Bulb.	Water at Surface.	-the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	te of the Se
	Hour.	Knots	Ten		Physic head.	Company	Fo	Не	3			AB	A.B.	Wa Su			Sk	State
		Did	al l	Surrent	U					anesoid	,							
	A. M.				-0.0.	٠ ٤					1							
	1	0	5	Flord	96. by 6.	Gast	2.3			30.53					0.c.n.	Cum. minl	.0	
	2	1	8		. 0	"	1			30.51	57	53	52		"		0	
	3	1	4	"	,,	6.96.	1			30.49	56	52	51		"		0	
	4	- 0	8		East	J. E.	1-2			30.48	56	52	51		0.c.d.		0	
	5	0	0		9.901		1-2			30.48	56	52	51				0	
	6	0	0	Plack	A Qb.		1			30.44	56	52	51		0.0.m.w		0	
				EH	0, 0,	JIQL.	3			30.44	56	52	51				0	
+	7	0	8	Oper	7		4			30.44							0	
-	8	1	0		.,												0	
	9	0	6				3.4			30.48					0.e.m.		1	
1	10	0	4				3			30.48	56	47	40	,	0.c.N.		0	
1	11	0	2			N. N. W.	2			30.44	50	47	46		0. c.rd.	-	0	-
,	Noon.	0	0	Alack.		JUOH.	2			30.40	53	47	46	,			0	100
1	, woon,	0	-	Janese								1						
L			-					-	-	-	_		_	-		-		-

Course and distance	e made good since preceding noon by obser	vations,	knots.		tenths.
	(Latitude by D. R.		0	,	"
	Longitude by D. R.		. 0	,	"
Position at Noon:	Latitude by D. R. Longitude by D. R. Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon	Observations of ①	0	,	"
	(Latitude by		0	,	"
Position at 8 A. M.	Longitude by		0	,	"
			0	,	"
Position at 8 P. M.	Longitude by		0	,	"
Current during the	time, knots tenths per hour	, setting to the			
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,	
Deviation of the C	ompass by Azimuth O observed at	, "	0	,	"
Water expended di	aring the preceding 24 hours,		4	50	gallons,
Water	during the preceding 24 hor	urs,			"
Water remaining of	n hand fit for use at Noon,		/3	00	"
Coal consumed dur	ing the preceding 24 hours,		/ tons	, ", ", ", ", ", ", ", ", ", ", ", ", ",	lbs.
Coal remaining on	hand at Noon,		60 " /		- '

P. M.														
1	0	0	Luman	ing to flood	N. CH.	1-2	30.36	52	49	49	b.c.	cum.	2	
2	1	0	Flord	JE.	Calm.	0	30.34	53	52	51			4	
3	1	4				0	30.34	53	52	51		cir. um	6	
4	1	0		96.		0	30.34						7	
5	0	4		98. ly 8.		0	30.35						9	
6	0	1			9.46.	1	30.36				b.z. u	r. none	10	
7	0	1	Ebb.	I Ot by OU.	98.	1	30.36	28	54	53			10	
8	1	2		. 0	balm	0	30.36	28	54	53			10	
9	1	2			,	0	30.38				b.w		10	
10	1	4			NOV.	1	30.38	,			-		10	
11		0		So by Ot.	balm	0	30.40				"		10	
Mid.	0	8		94. 1. 04.		0	30.40	28	54	53	-		10	

under the command of

Commander Toriis Kingsley Okednesday, Chovember 21

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Owncash and cloudy. Oceasumal light rain Light airs to gentle breeze from E. FE. to N.E. Banked free under boler B. Glood tide from 12.30 Banked fried under boler B. for heating purposes.

From 4 to 8 Q. ON.

Occided with driggling name. Sight to moderate breef from NE to NO. Link Conids & M. Chee Oh I. N. returned from leave Received on brand the following freely provisions 85 lbs meat, 68 lbs bread and 85 lbs regitables Banked free under boler B for blating purposes.

n N. Coleman Energy Qu. 9. 9.

From 8 Q. M. to Okord.

Overast. Passing showers. Light to moderate been from NO. and N. N. M.

Yot me target and field 10 shote flow 1 Pdr. when fund etypsed in account of earle transporter.

division singleged in small arm practice. Plack water at show Diviserative of magazine; forward

Onac. 68° Ohio 66° All 62° Mac. 62° Orio Banked free under biler B. for heating purposes.

Montgowy M. Luylor Ensign a. F. D.

Chem Merich to 4 49n.

Cloudy to clear Light airs and breeze from N.C. followed by calm. Flord tide from 12.45. At 12.30 got out eping of cabbe and each out kedge. Furing chip the bring starboard guns to bran on transfer 1000 yards distant. At 2.30 logan target practice dith 6 Pdr R. D. Dusch 55 elvets from Dingger Februsher No. 39 and 50 clots flow Hotchkur No.88. Nargatore Dinnier from with influ at show target 300 yards range from book. At 1.27 started distilling Banked free mudel briles B.

Tuitenant OL JON.

Firm 4 to 8 P.M. Sleav and cool. Very damp lack spack. Light aim from FE. and F. FE. to calm. Slack water at 7.05. Finning to bot at 7.50. Nangatore Division engaged at small and practice Distilling with frew banked under brier 13.

Montgowery It. Lugler Ensign Ch. J. Or.

Orm 8 P.M. to Mid.

Clear and damp. Calm. Light airs from N. V. second how Est tide.

Distilling Banked first under boles B. The following George 3 cl. second, two hows extracted the sach in accordance with formalisments previously awarded by bournauding Offician, or; - 2.9. Young, a. a. Lindshug, H. Burch, a. Banker, J. & Malin and M. a. Mattheward.

Lentenant De 30

Examined and found to be correct.

J. B. Weilten Seitenant & S. M. Navigator.

LOG of the UNITED STATES

0 8 684

3

10

11

Third Rate,

10

0

0

0

f.

at anchor in the York River off Yorktown, Va. COURSES STEERED by Standard Compass. Thips head. Didal Current o Glack Chest balm 30.42 57 51 51 0 10 Turuging to flord Flord 9 6 by 9. 30.42 55 51 50 901. b.w.f 8 Flord 30.43 53 49 49 10 30.44 53 49 48 1 10 balm 96 0 30.45 53 49 48 10 30.48 53 49 48 10 0 o Slack Furnging 30.49 53 49 48 0

0

0-1

0

0

0-1

Pou.

balm

1.18

30.54 53 49 48

30.57 51 48 47

30.57 54 49 49

30.57 54 49 49

30.55- 55- 56 49

Course and distance	e made good since preceding noon by observ	vations,		knots.		tenths.
	(Latitude by D. R.			0	,	"
	Longitude by D. R.			. 0	,	"
Position at Noon:	Latitude by observations of O.				,	"
	Longitude by chronometer from Forenoon	Observation	s of O	0	,	"
	(Latitude by	1		0	,	"
Position at 8 A. M.	Longitude by			0	,	"
	(Latitude by			0	,	"
Position at 8 P. M.	Longitude by			0	,	"
Current during the	e time, knots tenths per hour,	, setting to th	e .			
Deviation of the C	ompass by Azimuth O observed at	, ship's head		0	,	
Deviation of the C	ompass by Azimuth O observed at	, "		0	,	"
Water expended di	aring the preceding 24 hours,			5	00	gallons.
Water distille	during the preceding 24 hou	ırs,		/3/	68	"
Water remaining o	n hand fit for use at Noon,	tions of O	"			
Coal consumed dur	ing the preceding 24 hours,		0 lbs.			
Coal remaining on	hand at Noon,			\$0 gal /368 2/68 / tons //60	- •	

P. M.			-					-				
1	0	2		1.19.	16.	1	30.54 57	53	52	f.		0
2	0	0	Flack			1	30.52 56	53	52			0
3	0	6		6.96.	96.	0-1	30.50 57	54	53	b.e.w.		3
4	0	7			East	0-1	30.49 56	53	52		cum nint	2
. 5	0	8			6.96.	1-2	30.50 54	52	51	f.	_	0
6	0	7				1-2	30.51 54	52	51		-	0
7	0	0	Place		-	1-2	30.51 54	52	51		_	0
8			Furnge	ing to Ebb		1-0	30.52 56	52	51		-	0
9	0	4	0	Q. N. Q.	Pouth	1	30.5157	52	51	S.w.		0
10	1	3			FO.	1-3	30.50 58	53	52	,,		0
11	1	6		Ch. by N.		3	30.50 57	53	52	,		0
Mid.	1	2		ON Est.	g. ga.	2	30.49 58	52	51			0
							/					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. On. Clear with my heavy devo first part. Fog set in about 2.20 balow frest pout light 9th air latter part. From the the flood at about 2.00. Frie banked under boiler B for heating purposes. Distilling.

Story R. Evans. Engin at 9th.

From 4 to 8 a.M. .

Doggy and web. Calm. P. a. Paymeter T. H. Hicke returned from leave Bent light sails and crossed light yards at 8.00 o'clock. Distilling with fine banked under boiler B. Received in Pay Department 68 lbs. bread, 85 lbs. boxf and 85 lbs. orgitable. Slack was at 7.30.

Hortgonery M. Dryller Enige 2 9 %

From 8 a. M. to Mend.

Dense for Calm Occasional high airs from 90 and N. N.E. at 9.30

multied at quarter Engineer Dinim field at traight from boat 30 yards range with puttle and all others fruited the same traight practice. Apprehitive sembled and repaired clother.

Distilling Banked free under bales B. Est tide Occupantine of magazine 67° 66° forward 62° 62° all

Lieutewart Q. 9.90.

From Merid to 4 P.M. Doggy friet part, lifting at about 2.40 Light air from No. to To during watch vaccing and backing. Baroneter falling Appendicin variabling bage. But Engueric During and three of Nangatori Division who had not fired, also servants for small and practice Firei banked under briter B. for heating purposes. In mater clack at about 2.00. Destilling.

Jeonge R. traus, Eusign Q. J. W.

Dem 4 to 8 P.M.

Denes fog Light aire and brees from E. 9.E. followed by calm. Distilling.

Banked free under brills B. Flack water about 6 45 Furnigung from 7.15 to end of water of Personall.

Dentall

Firm & P. On to Onid .
Organ Sight and to guttle beeze from Inth to IV. Barmeter falling slightly.
Onio banked for beating pulposes and distilling DA tide.

Storge Recourt. George Rivaux Ensign Ou S. M.

Examined and found to be correct.

J. B. Millin, Lieuteward & Fa. Navigator

LOG of the UNITED STATES Phip Essex Phird Rate,
At anchor in the York River off Yorktown! Va.

													1	00	U.			
Ī				Reading	COURSES STEERED	WIND.		-		BAROME					State of the Weather,	Forms of Clouds, by	of Clear in 10ths.	the Sea.
	Hour.	Knots.	Tenths.	Patent Log.	Phys head	Direction by Standard Compass.	Force.	Heel.	Leeway	Height in inches.	Ther. att'd.	Air, Dr. Bulb,	Air, Wet Bulb.	Water at Surface.	by symbols.	symbols.	Prop. o Sky, in	State of the Sea
		Did	el &	secuent														
A	М.					-^												
	1	0	6	EH	Otest	9. 9°W.	2			30.49	56	52	53		fur.	_	0	
	2	0	0	Flaces			2			30.48	56	53	53		0. e. w.		0	
	3	0	0	Flord	96.		2			30.48	56	53	52		4		0	
		,	0,0			"	2			30.47						_	0	
	4	,	2	"			2			30.47					b.c.w.	cum mil	4	
	5		4				2			30.44					.,		2	
	6	1		Flack	9.901		2			30.42					,,	aum stras		
+	7	0	0		0.00	*	2-3											
	8	0	6	EH						30.40						cum wind		
	9	1	0	l)	W. F. W.		1-2			30.40	58	58	57		b.c.	Cir. cum	.7	
	10	,	4		8%.	- F24.	2-3			30.38	62	59	59				6	
	11	,	5		,,	.,	1-2			30.34					,	cum	4	
		,	D		Or by 9		2-3			30.32							6	
Ne	oon.	-			7					0,0	1							

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	-1.	"
Position at Noon:	Latitude by observations of ②	0	,	"
	Longitude by chronometer from Forenoon Observations of ②	0	, .	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	. "
		0 '	,	и.
Position at 8 P. M.	Longitude by	0	,	"
Current during the	e time, knots tenths per hour, setting to the			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the C	ompass by Azimuth ⊙ observed at , "	0	,	"
Water-expended du	aring the preceding 24 hours,	6	00	gallons.
Water distil	during the preceding 24 hours,	131		"
Water remaining o	n hand fit for use at Noon,	28	80	и
Coal consumed dur	ing the preceding 24 hours,	1 tons /	840	lbs.
Coal remaining on	hand at Noon,	57" 6	05	
		,		

-		-				T	
P. M.							
1	0	3	Ell	901. by 24.	9 21. by 24.	4	30.25 68 64 63 b.o. circum 6
2	0	2	-	"	991.	4	30.22 68 64 63
3	0	0	Plack	Surriging to flux		5	30.20 69 67 64 8
4	0	2	Flerch	First 0		5-6	30.20 67 65 62 b.c. g. cum. 6
5	0	4		96. by 9.		4	30.22 65 63 60 6.0 6
			**	96.	4	3	30.22 65-63 60 b.o.l. " 6
7	1	0		9.96.		2	30.22 64 63 62 5
		0	Ell	Th. by St.	N 94. by N.	1	3024646361 4
9	1	0		21. NOt.	balln	0	30.24646161
		2.		104	St. St Qt.	1	30.26 63 60 59 b.c. cum nimb 4
		4				2-3	30.28 61 58 56 2
Mid.	1	0				2-3	30.31 60 57 54

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 0 M. Orweast and wet for fish how Light breeze from 8.9 M. Barometer falling. Fire banked under briler B. Distilling.

The famous to 0.0 M.

From 4 to 8 a. M. School to clear. Sight to gentle been from F. F. Distilling. Frie banked under boiler B. Got out apring and kedge bruging port guns to brad in traight direction. Pecand in Dept. Supplier and Commits, 68 lb. fresh brad, 85 lb. fresh haf, and 85 lb. fresh rightstee.

Lieutenant Q & 990

From 8 a. m. to Merid.

Falling Centimed tauget practice Circilia, secondary battery practice also small arm practice on range Riding to the ebb tide Loosed sail to a brown at 11.45 Derie banked under the broading purposes and distilling. Designerative of magazines 72°68° forward, 62°68° aft.

From Pheriod to 4 GM Cartially cloudy and pleasant Mordenate to fresh breen from FM by M. to 90%. Barometer falling. Directly 2d and 2nd influence at target anchored 30 d yards from ship all 3.30 fulled sail. Herited in sailing bannels. Took apring off cable and horsted in kedge anchored on clothing and established stores to crew. At 2.00 O'clock stopped dictilling Direc banked under boiled B for heating purposes.

Orom 4 to 8 P.M. Dair Producte to gettle breeze from The sliking to light airs from N. Ch. by N. last how. Barometer reing Turing to the elst tide last home Drie backed under links B. for heating purposes.

Stong Resours,

From 8 P. Ch. to Mid.

Partly cloudy and cool. Calm to guttle breeg from N. A. Ch. Baronuter rising. Banked free sunder biter 13. for heating purpose.

n Tholeman Eusign I & M.

Examined and found to be correct.

J. B. Me iltor, Lieutenant VIN Navigator LOG of the UNITED STATES

Ship Essex Third Rate,

Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND.		Wind. BAROMETER TEMPERATURE.													
of Patent	COURSES STEERED by Standard Compass.					DAROME	TER.	TEMP	ERAT		State of	Forms of	Clea Oths.	o Sea			
	Thisis head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Ser			
l burrent.	,																
1. EH	100	N. N. W.	3-4			30.33	58	55	52		0.	mint	0				
			3-4								0.0		0				
			3-4									1	0				
			3-4														
0 .	6.96.	N.N6.	4-5			30.34	55	53	50		b.o. 9.m.	cuis strat	7				
2			3-4			30.34	52	51	49			cum nint	8				
0 "	0	N6.	3			30.34	52	51	49		b.c.m.	"	4				
6 -	6.16		3			30.34	52	51	49		0.c.m.	nimbres	0				
8 Ebb	N94.		2-3			30.34	53	52	50		b.c. z		4				
0 .			2			30.38	55	53	50		. 0		4				
2 .	4		1-2			30.32	56	53	52				3				
0			1			30.31	56	50	48				2				
10000	G Ebb H " G Flacto Herd C " G " G " G " G " G " G " G "	6 Carrent. 6 Ebb NON 4 "Tack Sungay to flow 5 Glack Europay to flow 6 C. F. C. 7 E NE.	6 Edt N.	6 Elle N. N. N. N. N. N. N. S. 4 5 Flack Eurigny to flood 3.4 6 Flack Eurigny to flood 3.4 6 Flack Eurigny to flood 3.4 6 Flack Survey to flood 3.4 7 Gold N. N. E. 3 7 Gold N. N. S. 3 8 J. N. E. 3 8 J. N. E. 3 9 J. N. E. 3 10	6 Ebb N. N. N. N. N. S. 4 4 "Tack Swinging to flood " 3.4 5 Flack Ewinging to flood " 3.4 6 Flood 6 Call " 3.4 6 Flood 6 Call " 3.4 6 Flood 3.4 7 6 N. 6. 3 8 6 6 8 6 0 23 8 6 1 1 1 2 3 8 7 6 1 1 1 1 2 3	6 Ebb NO. N. NO. 3.4 4 "Tack Swinging to flood "3.4 5 Flack Evinging to flood "3.4 6 FE N. N. E. 4.5 7 E. FE N. E. 3 8 " E. NE . 3 9 " E. NE .	6 Ebb N. M. N. N. N. S. H. 30.33 4 ". N. M. M. Jorth 3. H. 30.35 5 Flack Eveninging to flood 3. H. 30.35 6 PE N. M. E. H. 5 30.34 7 6 N. E. 3 30.34 8 30.34 8 30.34 8 30.34 8 30.34 8 30.34 8 30.34 8 30.34 8 30.34 8 30.34 8 30.34	6 Ebb N. M. N. N. N. S. H. 30.33 58 4 ". N. N. M. Jorth 3.4 30.35 56 5 Flact Everiging to flood 3.4 30.35 55 6 Flact Everiging to flood 3.4 30.35 55 6 The state of th	6 Ebb N. M. N. N. S. H. 30.33 58 65 64 1. N. N. M. North 3. H. 30.35 58 65 64 1. S. H. 30.35 56 65 64 1. S. H. 30.35 56 65 64 1. S. H. 30.35 55 65 64 1. S. H. 30.35 55 65 64 1. S. H. 30.35 55 63 65 65 65 65 65 65 65 65 65 65 65 65 65	6 Ell N. M. M. N. M. 3.4 30.33 58 55 52 4 " N. M. M. N. M. 3.4 30.33 58 55 52 52 52 52 52 52 52 52 52 52 52 52	6 Ell N. N. N. N. N. S. H. 30.33 58 65 52 4 ". N. N. N. N. S. H. 30.35 56 65 52 5 Flact Eveningue to flood 3-4 30.35 56 64 51 5 Flact Eveningue to flood 3-4 30.35 55 65 451 5 Flact Eveningue to flood 3-4 30.35 55 53 50 6 Flact Eveningue to flood 3-4 30.34 52 51 49 6 6 P. E. N. E. 3 30.34 52 51 49 7 Ell N. C. 3 30.34 52 51 49 8 Ell N. C. 3 30.34 52 51 49 8 Ell N. C. 3 30.34 53 52 50 8 2 30.33 56 53 52 8 30.33 56 53 52	6 Ebb Na. N. N. N. N. 3.4 30.33 58 55 52 0. 4 "N. N. N. N. North 3.4 30.34 56 54 51 0.e. 5 Flack Evingay to flood 3.4 30.35 56 54 51 0.e. 6 PE. N. E. 3.4 30.35 55 53 50 b.c.m. 7 E. N. E. 3 30.34 52 51 49 b.c.m. 8 M. E. 3 30.34 52 51 49 b.c.m. 8 E. N. E. 3 30.34 52 51 49 b.c.m. 8 E. N. E. 3 30.34 52 51 49 b.c.m. 8 E. N. E. 3 30.34 52 51 49 b.c.m. 9 E. N. E. 3 30.34 52 51 49 b.c.m. 10 2 30.34 52 51 49 b.c.m. 11 30.34 52 51 49 0.c.m. 12 30.33 55 53 50 d.c. 12 30.33 55 53 50 d.c.	6 Ebb NO. N. N. N. 3.4 30.33 58 55 52 0. mint. 4 "N. N. N. N. North 3.4 30.34 56 54 51 0.e. 5 Flack Evingary to flood "3.4 30.35 56 54 51 ". 6 PE. N. E. 3.4 30.35 55 53 50 b. o. g. one came either the companient of the companien	6 Ebb Na. N.			

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0	" "
Longitude by D. R.		"
Position at Noon: Latitude by observations of O	0	" "
Longitude by chronometer from Forenoon Observations of ②	0	"
(Latitude by	0	, ,,
Longitude by chronometer from Forenoon Observations of © Position at \$ A. M. { Latitude by Longitude by	0	"
	- 0	"
Position at 8 P. M. Latitude by Longitude by	0	, ,,
Current during the time, knots tenths per hour, setting to the		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0	,
Deviation of the Compass by Azimuth ⊙ observed at , "	•	, ,,
Water expended during the preceding 24 hours,	60	o gallons.
Water dustilled, during the preceding 24 hours,	22	o "
Water remaining on hand fit for use at Noon,	250	0 "
Coal consumed during the preceding 24 hours,	tons 2	25 lbs.
Coal remaining on hand at Noon,	56 " 7	0 '
	,	

											-	
P. M.								-			-	,
1	0	8	Ebb	S. W.	101	1	30.27 56	51	48	6.0.7.	Curso mini	12
2	0	0	flack			1	30.24 58			., /		4
3	9	1		flord	Calm	0	30.19 61			6.3.	more	
4			Flora		Q1. N Q1.	1-2	30.20 59			1		10
5			"	98.		1-2	30.22 58	53	50			10
6					904.	1	30.22 58				4	10
7				96. by 9.	.,	1	30.24 56				,	10
8	Lu	nig	ing to	Ebb		1	30.25-56	50	47	,		10
9	0	6	tell	104.	1.191.	1	30.27 46	50	48			10
10	0	8	11			1	30.26 46					10
11	1	0				2.3	30.2746	49	48			10
Mid.	1	4	"			2-3	30.27 47					10
							1					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

"Midnight to # a. M. Clondy Channing last how. Swith to moderate breeze from A. A. W. and North . Stack water at 2.45. Danked five under briler B. for heating purposes.

Mortgonery M. Leyer Cusign W. S. R.

Prim 4 to 8 a. M. Figurally field part, Orcicast last how. Moderate to guttle breeze from the N.E. Figurally field part, steader and lighter latter part. Fready burnston Received no Department from the Contractor freely province see follow, org. - 68 lbs. bread 85 lbs lock, 55 lbs. bread winder both. 85 lbs. bread running flood, dieft at 6.00-12 lts.

Semp Wesaus,

Finge Revous,

From 8 a. M. to Merid.
Cloudy and hazy South bury to light wive from N.E. Baroneter falling Finished cleaning ship. Fied bolders with rebolous at trigger hung astern dictant 30 yards.
Banked fix in Briler B. for histing purposes. Deseparative of magazine 61° 62° formed, 64° 62° all.

From Merich. to 4 PM.

Bazy and pleasant balow to light breeze from N. V. to Ch M. Flack water
at 2 00 0'clock Flut Whity party brye and new ashore. Banked frie under briter B. for heating
general.

Morteymeny M. Lew les . Energy Qu & M.

N Toloma Ensign ON F. M.

From 8 9. m. to Guid. Hazy and cook. Sight aire to gruthe brey from N. N. M. Frier banked under briler 18. for heating purposes.

Altre Towns Hr. Laylor Albertynwy H. Laylor Eneign a & R.

J. B. Me ilton, Tuntuant Ch. J. Ch. Xarigator.

LOG of the UNITED STATES

Third Rate,

OG of the United States I hip Essex At anchor in the York River off Yorktown, Va. COURSES STEERED by Standard Compass. Thip's head Didal burent Ohest 8 6bt West 3 30.27 49 45 42 none 10 Juriging to flood 30.27 49 45 41 10 Oh. by N. 3 30.27 49 45 41 3 30.27 48 45 41 10 30.27 48 45 41 3-4 3 30.27 4845 41 30.30 48 45 41 3 4 ... E. by F.

o Flack Funging to Elli

4 Ell Lel. 2-3 30.30 47 45 41 30.34 45 44 41 1. 494 2 A by 94 3 30.35 45 44 41 106. ly 04 1 by. 3 30.33 46 45 42 cir um 9 8 3.4 30.31 46 45 42

Course and distance	e made good since preceding noon by obse	rvations,	knots.		tenths.
	(Latitude by D. R.		0	'	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of O		0	,	"
	Longitude by chronometer from Forenoo	n Observations of ⊙	0	,	"
	(Latitude by		.0	,	"
Position at 8 A. M.	Longitude by		0	,	"
	(Latitude by		0	,	"
Position at 8 P. M.	Longitude by		0	,	"
Current during the	e time, knots tenths per hou	r, setting to the			
Deviation of the C	Compass by Azimuth ⊙ observed at	, ship's head	0	,	
Deviation of the C	Compass by Azimuth O observed at	, "	0	,	"
Water expended d	uring the preceding 24 hours,		50	00	gallons.
Water	during the preceding 24 he	ours,			"
Water remaining of	on hand fit for use at Noon,		200	00	"
Coal consumed dur	ring the preceding 24 hours,		/ tons		
Coal remaining on	hand at Noon,		5.5 "	663	- '

P. 1			-								0		
				Ebb	NOW. by N.	North	3-4	30.29 48	50	49	6.0.91	cir. cum	6
2	2	0	5		0		4-6	30.29 49	46	44			6
3	3	0	0	Plack		N. N. W.	4	30.30 50			*		8
4		0	0	Luring	ing to flord	North	3-4	30.31 49	46	40			8
	5	0	8	Flira	1 ly 6.		3-4	30.38 47	45	40			
	6	1	0		18		3-4	30.43 48	43	40			
					JV. JIE.	N 94. by N.	3-5	30.46.48				cum.	8
				Flack	NOx. by N.	North	4-5	30.46 46			,		8
				Ebb	12.		4-5	30.48 46			b. 91.	none	10
				-		N 24.	56	30.50 46				"	10
11		1	0	~	CH. N.W.		5.7	30. 53 44					10
			4				5.7	30.54.44					10
							1			1			

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M. Sentle breeze from Orest and Or by N. Elean and cool Bounter steady. Communed corniging to flood about 3.30. Theo banked under B

J. B. Mailton.

Drow 4 to 8 a. M. .

Clear and cold Moderate to light brey from N. M. Baroneter ring
Direc banked under briler B. for heating purposes. The fresh provision was upoled de
weathelasters.

Curing W. F.

Dem Merid to 4 G.M. Gentle to moderate been from N. N. M. to North, with occasional stiff puffer. Clear and cool. Flacks write about 500. Commenced everying to flood about 3.30 at 100 and a likety party of men on alone Banked free under brief B. Meiller. J. B. Meiller. G. S. Meiller.

Dem 4 to 8 P.M. Clear and cool. I cutte to stiff buy from North to N. N. M. Kinsted stack. Box off cal and fich Backed frie under boles B. for heating purposes.

Thousand Leylow V. S.W.

From 8 9.90. to Mid. Moderate to fresh beezer from North to N. Oh. very fresh aqualle occasionally bleav and cool. Tide turned sol about 9.50. W 8.50 lowed drugby to pier up a boat from askon that was adieft; sent the boat askon.

J. B. Maillon J. Son

Examined and found to be correct.

J. B. Me illin , Licituant & I'M Navigator.

LOG of the UNITED STATES Thip Essex Third Rate,
At anchor in the York Rine and making passage to Hampton Road Bu

	-	01	100			1					1	1		1		0		1
F				Reading		WIND.				BAROME				URE.	State of	Forms of	Clear Jehs.	e Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
		Jid	val t	Surent	0													
A	. M.	,	0	Ebb	J. Oh.	SV W.	4-5			30.54	43	39	35		b.g.	none	10	
	2	0	6	,	.,		3-4			30.56	43	39	36			.,	10	
	3	0	2		,,		4-5			30 58					.,	.,	10	
	4	0	a	Plack	Ot. N. O.		3.4			30.59						ciritum.	16	
	5	1	4	Flord.	N.N6.		3-4			30.60	41	38	35		b.c.	cum stra	49	
	6	1	2		6.96.	,	3-4			30.60	41	37	35			"	8	
	7	1	2				3-4			30.62	41	37	36		.,		9	
	8	1	0				3-4			30.62	41	37	36				9	
	9	0	8		N &.		3.4	3		30.65	44	43	40		"		9	
	05		t un	deway	Vannie		3	3		30.64	45	52	48		.,		9	
	11	Uno	deus	zy v	.,	"	3	3		30.64	45	52	48	-	.,		9	
	oon.			0			3	3		30.60	43	55	4				9	
1	oon.																	
1			1				The Real Property lies	-	-	-	-	-	-	-		-		-

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 1 11
Longitude by D. R.	0 1 11
Position at Noon: Latitude by D. R. Longitude by D. R. Latitude by observations of O	0 / "
Longitude by chronometer from Forenoon Observations of ②	0 1 11
	0 / 1/
Position at 8 A. M. { Latitude by Longitude by	0. / //
	0 / "
Position at 8 P. M. Longitude by	0 , "
Current during the time, knots tenths per hour, setting to the	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth O observed at , "	0 , "
Water expended during the preceding 24 hours,	400 gallons.
Water during the preceding 24 hours,	"
Water remaining on hand fit for use at Noon,	1600 "
Coal consumed during the preceding 24 hours,	3 tons /795-lbs.
Coal remaining on hand at Noon,	.51 " 1110 "
Construminate on mand at 1.000,	01 1110

P. M.															
1	20	nder	way	Varini	N W. by W.	2.3	3	30.60	53	50	44		b.c.	cum strak	8
2			auchin		West.	4	3	30.54	54	46	42		h	civ cum	4
3	Ban	9	abb	91.994.	994.	3.4	٤	30.53	52	46	44		**	etral.	6
4	0	4	"	11	9.901.	2-3	2	30.52	52	46	43		4	.,	6
. 5	0	0	Place		South .	3	٤	30.50	50	44	41			cir.	8
6	0		igung t		F. F. W-	3	2	30.49	51	46	43		в.	none	10
7	0	4	Blood	East	Fu.	9-	2	30.48	52	45	42				10
8	0	8				9-	2	30.48	51	45	43			1.	10
9	0	4	1.	96.	9.804.	5-	2	30.46	48	45	42		b.c.	cum.	9
10	6		ging to					30.45							7
11	0		614-	01.501.		5-6		30.43	- /			-	.,		6
Mid.	1	0				5-6	2	30.40	46	43	40				5

, U. S. Navy,

, 1894.

1 Lieutenaut W. G. M.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a.M. Clear and bright starlight Itiff N. Ph. breize in equally first how moderating somewhat remainder of watch. Riving barometer about low water stack at 400 Dies backed under boler to for heating purpose. Firze Kerser, English & English W. F. M.

From 4 to 8 a. M

blian and cool. Gentle to moderate brew from 40%. At 500 o'clock started fries in bottom A. and D. Banked fries in bottom B. for heating purposes. Account in Pay Dept. 55 lbs. bref and 85 lbs. regitable Executed morning while T. Roos (F. M. M.) returned on bound 10 hour volume.

Thoulyoney to Toylur Eurige W. J. W.

From 8 a. M. to Merid.

Sentle breeze from N. V. Eleas and pleasant. At 8.30 hors short on starbard chain Kriston stran Launch and made preparatine for getting underway at 9.01 called all hands up anchor horse up starband anchor and indumny of 9.4 Flood down York River and down Chesapente Bay bound to Bampton Roads, Da. Communding Officer in Charge of the coun Death of ship 13 felt forward 15 feet 11 inches aft. Average directions 428. Tham 55 lbs. B. Estury & P. Lipoted his tarm of intermed human eagued Banked free under both B. Distilling Domprohitue of magazines 65-642 forward 64262 left.

J. B. Meillow.

Oum Meid to 4 4.m

bleau pleasant wather Light to moderate busie from N. D. by N. to S. I. W. Baronette falling at beginning of watch standing drum the elever steering various coverer Est tide.

Annually truly of Foreign at almb 1:15. I took into blangith Rosale and came to in 11 fatimerists, and other with standard anchor and wind to 75 fathering found of lapetan Bearings at anchorage. Rip Rage I by E 186. I limble high 6. & 6. I father lead I II. braings magnite.

Diall of alug 13 found 15' 1015' aft.; truly of auchorage 2.35 current running eld. annual present is to Carolitics 428 I fire the mit under brieve H. and 6. fire build ender their B. for heating purpose Dialitics 128. The fire the mit under bother of word 6. fire build ender their B. Acotted on the standard brieve of land of the second of the standard of the second of the secon Einted at trans bounch. Tiecharged Bernard Cotury (CP) by warm of expectation of his term of Stingt Ktevails, enlistment.

Ensign W. J. W Oum 4 to 8 P.M Firm 4 to 8 4.00 Gentle to stiff breeze from South to 894 blear and pleasant. Firing to flood about 5.45 Found out clean beauticks to apprentice. Bouked five under boiler B. Detiling. J. 13. Meillen, Eintenant 96.82

From 8 G. M. to Mid. Clear file part, part cloudy latter part. Pittet to feel breeze from the I. I.M. Barometer falling. Furnigning to the lot between 9.00 and 10.00 Free banked and between B. for heating purpose and distilling.

Storge R. Eveno, Energy M. S.M. Examined and found to be correct.

J. B. Me Illin, Linitwast W. F.M. Navigator.

LOG of the United States & hip Essex Third Rute, archor in Campton Roads of Fortress Monroe, Va.

					U				10					-			
			Reading		WIND.				BAROME	TER.	TEMP	ERAT	URE.	State of	Forms of	f Clear 10ths.	o Sea.
Hour.	Knots.	Tonille	of Patent Log.	Ships head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 10	State of the
	Die	tal	Current	-													
A. N	. ,		EH	04.994.	9.991	6-7	2		30.37	41	43	40		b.c.g.	cum.	4	
1	1	1		991. hy 21.	0.00.	1			30.34	110	4.0	1/2		N. J.	none	10	
2	1	9		Jen. by en.		6-7	2			,				6.9.			
3	1	4		"		16.7	2		30.32					b. c.g.	cum.	9	
4	1	2	, .	9 OV.		5.6	2		30.32	47	44	41	-	6.9,	none	10	
5	,	2		991. by 04.		5.6			30.32	47	44	41		b. c.g,.	cir. cume	9	
6	9u	mg	ing to fla	9.98.		5-6			30.30	47	44	41		.,	cum strak	6	
7	- 1	8		6.96.	fa.	5-6			30.28	47	44	41			"	5-	
8	1	6		East.		5.6			30.27	48	45	42			,.	5-	
9	1	0		9.96.		5-6			30.26					"		4	
10	C		Flack	991.	Poi.	5.6			30.24	54	46	48		"	-	8	
11	0	1	- Elf	04.994.		5.6			30.20	55	51	49				8	
Noon	1	0				5-6			30.19	56	52	49				6	

Course and distance	ce made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 ,	"
	Longitude by D. R. Latitude by observations of ⊙	0 ,	"
Position at Noon:	Latitude by observations of ②	0 '	" -
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
	(Latitude by	0 ,	"
Position at 8 A. M.	Longitude by	0 '	"
		0 ,	"
Position at 8 P. M.	Longitude by	0 ,	"
Current during the	e time, knots tenths per hour, setting to the		
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0 '	
Deviation of the C	Compass by Azimuth ⊙ observed at , "	0 ,	"
Water expended di	uring the preceding 24 hours,	400	gallons.
Water dustil	Med, during the preceding 24 hours,	1200	"
Water remaining of	on hand fit for use at Noon,	2490	"
Coal consumed dur	ring the preceding 24 hours,	1200 2490 3 tons 208 47 " 127	9 lbs.
Coal remaining on	hand at Noon,	47 " 127	n .
		1 "/	

F			-						T		-		
P	. M.												
	1	1	6	Ebb	Or. 901.	994.	5-6	30.13 58	55	51	b. c. g.	cir. etia	6.6
	2	1	8				5.6	30.11 58	55	51	, ,	1	5
	3	2	2			991. by 94.	4-5	30.10 60	57	53			6
	4	2	4	~		. 0	4-5	30.09 59	56	53			7
	5	6					2	30.13 58	56	53	b.c.		7
	6	0	6	-	901. by 9		2	30.13 59	57	54	b.o.m.	cum.	8
	7	0	ø	Plack	Turnging to flord	9.99	3	30.15-59	57	54	b.m.	none	10
	8	0	4	Along	FON. by I Turning ing to flood East	4	3-4	30.15-58	56	53			10
	9	1	0	"			4.5	30.16 58	54	53			10
	10	0	8				4.5	30.16 50	54	52			10
	11			Lungs	ig to ell.		4-5	30. 14 58	56	53	b.g.		10
)	Aid.	1	5	EH	of ly s.	-	4-5	30.15 58	56	53			10
					-								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

bleav and bright starlight. Very fresh breen from the 9.994 coming in revasional equally modulating alightly last home. Baronte falling fresh past strady batter past. Drive banked under belier B. for heating and distilling to the left drift at 2.00 about 19 lete. Midnight to 4 a. m.

Fings & Erws,

Eusign U. J. M.

Down 4 to 8 0.90.

Theff to freel brees from ICh. Clear and pleasant. Twoing to flood at 5.45 Sia rough. Received on broad in Dept of Eupphier and accounts the following fish province,
67 lbs broad, 8334 lbs. keef, 834 lbs. orgetable. Banked fries under briles B. Distilling.

J. Williams Ch. 4 60 Lieutenant Qv. 9. 9.

From 8 a. M. to Merid.

Commander A. B. Bradford N. Placy came in Fact to suspect the ship matter falling. At 9 18 bornmander A. B. Bradford N. Placy came in Fact to suspect the ship and order from Evertary of Placy balled all Discourse to apparetus and necessary the Inspecting Officer suspection and own a gratice, after which held bag and naments suspection, followed by Discourse duller surface of Discourse to booked and with the Company Pictor banked and which B. for heating purpose and distilling Eigh stack writer at about 10.00.

Sengs P Goods, & Energy W. & M.

From Merid to 4 P.m Clean Gentle to feel breye from F. to F. by Ct. Baronete riving at 130 called all bands clear ship for action. At 20 look week to General Coarter. At 2.30 week to Gene Quartere. At 30 Clock land abandon Flup at 3.30 had battalin dill. At 30 Clock had dill May outland. Banked five under bries B. Detelling

M. J. Coleman W. S. M. Fair. Gentle to moderate breezes from 99% by 64 to 9.99%. Barmete viring Stronging to the flood at about 7.00. Free banked under Poile B. for heating purpose and distilling.

Jeorge Kleows,

Enign U. S.W.

From 8 P.M. to Mid. Class. Moderate to stiff breeze from I. 9 % Barometer variable. Firing to elt at

n. J. b. Jema Eneign W. J.M.

Examined and found to be correct.

J. B. Moillon, Lieutenant & M. Navigasor.

LOG of the UNITED STATES Phip Essex Third Rate, At anchor in Hampton Roads off Fortress Mouros, Va.

					/		-01										
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Clear Jths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	Phips head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
	Dido	26	unent	U													
A. M.				a, a -0	AMI					,				b.			
1	1	8	Ebb	Oh. by F.	FW.	4-5			30.15					6.	none	10	
2	2	6		"	FOX. by Ox.	4			30.15	56	54	52				10	
3	2	0	.,	Q. 9 W.	Q. 904.	4			30.16	56	54	52				10	
4	1	0		Ol: by 9.	Or. by S.	3			30.18	56	54	52		,		10	
5	1	0		01.301.	Or. N. O.	1-2			30.20	56	54	52			-	10	
6	9	un	uaria t	flood	Jr 94. by 94.	3			30.25	- 56	54	52		b.c.m.	cum etras	7	
7	1	9	Elord	6.46.	1	3			30.30	56	54	52			cum stess	6	
8	2	0			N. N. O.	4.5			30.39	5-6	54	52				6-	
9	2	1		N & by &.	North	5.6			30.46	50	46	42				5	
	2	0		7	,,	5.6			30.50					b.c.		4	
10	0	4		NEL M.		5-6			30,56					b.c.91.	-	4	
11			20 0	N & by N.	"	5-6			30.60	1		1		0.		,	
Noon.	0	0	Flack	Turnging to sob.		0			50.60	46	, ,	08		1			
1							-	1	-	1		-	L				-

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0 ,	"
Longitude by D. R.	0 '	"
Position at Noon: Latitude by observations of ©	0 '	"
Position at Noon:	0 ,	"
	0 ,	"
Position at 8 A. M. Longitude by	0 ,	"
	0 '	"
Position at 8 P. M. Longitude by Longitude by	0 ,	"
Current during the time, knots tenths per hour, setting to the		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Compass by Azimuth O observed at , "	0 /	"
Water expended during the preceding 24 hours,	500	gallons.
Water dutilled during the preceding 24 hours,		"
Water remaining on hand fit for use at Noon,	2,700	"
Coal consumed during the preceding 24 hours,	710 2700 1 tons 17 46 " 17	55 lbs.
Coal remaining on hand at Noon,	46 " 17.	55 '

P. M.												
1	0	8	Ebb	194.	Sorth	6	30.62 46	43	38	b.e.g.	cum strak	5
2	1	5		Q1. N. Q1.	,	5.6	30.62 50					7
					"	5-6	30.65-50	44	39			6
				94. ly N.		5	30.68 50	43	39		,	4
5	2	0				5	30.72 49	42	38			3
6	1	0		NO4.		5	30.77 46	40	37		-	4
7	0	0	Flack	North		4-5	30.79 44	39	36			7
8		Bu	ringing to	flord		4-5	30.80 44					9
9	0	4	Flord	N6. by 6.	-	4-6	30.84 44	39	36			9
10	0	7	*	. 0		3-4	30.86 44	38	35	-	-	9
			-			3-4	30.87 42	37	34	b. 91.	nne	10
Mid.	0	3		St. St O4.	-	3-5	30.89 40	36	33			10

Ousegn W. In.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 0. M. Clear Bright starlight Light to fresh breeze from I at to M by I. at 12.30 stopped distilling Banked free under boiler B. Ridnig to elt. Horstynwry M. layter Ensign U. F.M.

From 4 to 8 a. On Dair Light to gentle breyer from N by S. to N Ch by N. frest three house mordered to ctiff equally from N. N. h. last home. Barontle riving very rapidly 30.18_30.39. Frongrung to flow at 600 Received in Pay Department from the Contideter, first provision or 5-67 lb blad 83% lb. bril 83% lb. wegstable Lich J. S. Percell, W. F. R. reported his return from leave. Drice banked under Blace B for heating purpose. at 7 15 crossed regel gade and but gear.

George R Lower, Enign Q & M.

Trom 8 a. M. to Merid.

officer to minute R. B. Branford, U. D. cand about As 9.30 loved sail and set topsail at 9.35 single relied topsails at 9.40 clos rapid topsails and set course single refut and fulled light early. At 9.50 shorts not up and made sail to regale at 10.05 fund sail. At 10.10 lorend sails to a bruthere at 10.15 fund sail. At 10.20 seek daw light yards. At 10.05 such down topsailad maste. At 10.47 called away all brite and and Equipped for cutting mt. At 11.30 realled brate and such brite at eguin for dull under sail. At 10.50 clock brate returns. Banked five under briter 13. for heating purposes. Demperature of magazner 64° 64° forward, 62° 62° aft. n.J. Yol Eman

Fine Merid. to 4 P.m

Com Mend. to 4 0.90.

Clear and cool. Equally Stiff to feel buyer from North. At 1.40 collect expension to quarter They was questioned by Commander Bradford. At 3.30 sout up topgathant master, unbut light sails and stood them below. It of steaming come m. Bankon, frier under briter B.

Mortiformery M. Jenfler

Surge W. S. N.

Oum 4 to 8 P.M.

Generally clear and cord. Moderate to fuch been from N. B. Barmeter receing 24 4 30 the Suepecting Officer left the ship Brited smorks stack Barked five under briler B for leating burgers. n Nool Eman Eusign W. F. M.

Dion & P. M. to Mid.

Clear and cold. Moderate to stiff been from North Equally Leonizing to flood at & o clock. Fire banked under boles B. for heating pulgoner.

Morelyonery Mr. Laylor Ensign R. F.M.

Examined and found to be correct.

J. B. Mailton, Leutenaut M. M. Navigator.

LOG of the UNITED STATES Phip Essex Third Rate, at anchor in Hampton Roads off Fortress Mouron, Va

		T	Reading		wind.				BAROME	TER.	TEMI	PERAT		State of	Forms of	of Clear in 10ths.	te Sea.
	Knots.	Tenth	of Patent Log.	Sujes head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of the
		al l	unent														
A. M.		Pun	· · ·	to ebt.	North	4-5			30.89	42	39	35		b.g.	none	10	
		0		Or. NOV.		4-5			30.89						"	10	
3		4	4	n		3-4			30.89	45	36	33		.,		10	
4	2	0		Chest		3-4			30.90	45	-36	33				10	
5		0		Oh. N. Oh.	A by Ob.	3-4			30 90					b.o.g.	cum. Tra	9	
6		Lur	ugning t	flord	"	3-2			30.92					b.c.		9	1
7	2	0	& Lord	N & by &.	N. N. W.	2			30.95							9	-
8	2	0		0		3			30.96					",		9	-
9	2	4		6.NE.	N.N. E.	3-4			30.98							8,	
10	8			deway		3.4			30.98						-	9	
11			Caun	is Courses		3-4			30.99					"	-	9	
Noon.						3			30.96	47	48	43			cir: cum	. 9	
																-	

Course and distance	ee made good since preceding noon by observations,	knots.		tenths.
		0	,	"
	Latitude by D. R. Latitude by D. R. Latitude by observations of ⊙	0	,	"
Position at Noon:	Latitude by observations of ⊙	0	,	"
	Longitude by chronometer from Forenoon Observations of O	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	. "
		0	,	"
Position at 8 P. M.	Longitude by	0	,	"
Current during th	e time, knots tenths per hour, setting to the			
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	٥	,	
Deviation of the (Compass by Azimuth ⊙ observed at , "	0	,	"
Water expended d	uring the preceding 24 hours,	5	00	gallons.
Water	during the preceding 24 hours,			и
Water remaining of	on hand fit for use at Noon,	, 2;	201	o "
Coal consumed du	ring the preceding 24 hours,	2 tons /	189	5- 1bs.
Coal remaining on	hand at Noon,	44 " 2	11	10 '
			~	

	(moored to	Dock, Chary	Gard	L. Ch	wholk eva							
P. M.		, ,	0									
1	Moored to Dock	16.	3	3	30.92	51	48	44	b.c.	cir eum	9	
2			3	3	30.90	52	.53	47		-	9	
3		N. N. E.	3	3	30.89			/	в.	none	10	
4			2	3	30.89				,		10	
. 5		East	1-2	3	30.90						10	
6			1-2	3	30.90	47	42	40			10	
7		Calm.	0	3	30.90				1	1	10	
8			0	3	30.90						10	
9			0	3	30.92	. 44	37	35		.,	.10	
10			0	3	30.91	44	33	31			10	
. 11			0	3	30.9						10	
Mid.	,		0	3	30.91	44	35	31			10	

under the command of

Commander Louis Tengsley Thursday, November 29

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

HPurell Lieutenant U S.M

Dien 4 to 8 a. M. . Clear and cold. Gentle to light hery from N by th to N. N. Ob. Baroneter news at 5 0 clock started fure under biller it and D. Barbad free under boler is for heating purposed.

M. J. Corlaman

From 8 a. M. to Merid.

lolsar. Tentle to moderate buy from A. No. W 9 42 called all hands up suchor and at 10.00 etacted ahead. Flood up towards Phorfold Rang Gard, Commanding Office, Coming At 12.00 called all hands more ship Pludes straw about friles A. B. and D. Semperatus of magazine 64° 64° found, 65° 62° aft Draught of ship 13 feet fourard, 15 feet 10 inches aft.

(Mortgowy III. Tentles Energy U. S. A.

From Mend to 4 9.90 From Freuen to 4 9-90. Light to quetle breeze from N.E. and N. N.E. Ut 12. W. exchanged number with Recurring Phis Franklin. at 12. 11 passed shows of Pary Yard. at 12. 25 and quarte live achor. at 1.20 friends morning allogate Pary Yard see wall and allowed fixe to die not under balese. I amb B. Banked fine under bales B. for hereting purpose Franklind to Paral Borgetal Portemonth; Is Hamm D. F. Erskin, F. L. Leidine and Farmul Poura, all appropriate 3. class. Sub library party of min

Herrell Luitenant & S.N.

From 4 to 8 P.M. Slightly bazy and cool. Light aire to light hery from East. Calm last half Canked fine under linds B. for heating scurposes. Mortgonery the Laylor on se Thoulgonery the Toylor Engy & F. 9.

From 8 P.M. to Mid.

Clear and cold. Calm. Canked fine under boiler B.

Lieutenant & S. M.

Examined and found to be correct.

J. B. : Mo Stor, Surveyator

LOG of the UNITED STATES Thip Essex Third Rate, Moored to Dock, Mary Yard, Morfolk, Va.

-			-		· WIND.	- (/		1	BAROME							4.1	8
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.				Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock	Calm	0			30.90	39	34	33		b.	mone	10	
2						0			30.89							10	
4					,	0 0			30.87	37	32	31		b.c.m.	cia	10	
6					". North	0			30.86	37	32	31		0.b.m.	eum stra	6	
7 8						1			30.86							5	
9					balm	0			30.84		,			b.c.	wne)	8	
10						0			30.79	54	45	44		b.e.	cir cum	. 8	
Noon.					J. Ob.	0-1			30.75	56	45	44			cum.	2	

Course and distance	re made good since preceding noon by observations,	knots.		tenths.
	Latitude by D. R.	•	,	"
	Longitude by D. R.	0	,	" -
Position at Noon:	Latitude by observations of O	0	,	"
	Longitude by chronometer from Forenoon Observations of O	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	"
	(Latitude by	0	,	"
Position at 8 P. M.	Longitude by	٥	,	"
Current during the	e time, knots tenths per hour, setting to the			
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	٥	,	
Deviation of the C	Compass by Azimuth O observed at , "	0	,	"
Water expended di	uring the preceding 24 hours,	4	100	gallons.
Water	during the preceding 24 hours,			"
Water remaining o	on hand fit for use at Noon,	1	800	"
Coal consumed dur	ring the preceding 24 hours,	tons /	02	ð 1bs.
Coal remaining on	hand at Noon,	42 " 1	705	

P. M.									
1	moored to Dock	balm	0	30.72 55	50	47	b.c.	cum.	3
2		9. by 6.	2-3	30.66 57		/			3
3		99. by 9.	2-3	30.64 57	63	48			6
4		Sou!	0	30.64 58	53	48	-	cir.cum.	5
5		F. F. W.	2	30.64 58	52	48		-	5
6		04.994.	2	30.64 58					5
7			/	30.65 55			0		5
8		FOX. by %.	1	30.6654			в.		10
9		balm	0	30.66 56			4		10
10	, , ,		0	30.67 50	46	44	-	-	10
11 .			0	30.66 49			-	'.	10
Mid.			0	30.66 48	44	42			10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Clear and bright studight balms. Bravoneter falling slowly. Once banked under boder 13 for heating purposes. Senge (Evange Eurian 94 98 George REvaus, Ensign a & M.

Drm 8 Q. M. to Merid. Clear Calm Occassinal light air from Not last how.
Chepresentation of Construction and Engineering Departments were on braid to see about repairs and held Surveys Banked frie under Control B. Demperature of magazine 64° 64°, 62° 62°.

Herrall Lieutewant W. S. W.

Their Colm and light to guthe breue from 3 by 6 to 9 W. Barrouter rising. I vanifund to the General Florkeyer of Sany yout the following stores in Ordinauce 242 Carthology cases, 6 pdr., 12 Carthology cases, 4 date, 72 Carlindge bree 6 pdr., 2 Carthology bree 6 pdr., 2 Carthology bree 6 pdr., 2 Carthology bree 9 pdr., 2 Carthology bree 9 pdr., 2 Carthology bree 1 Carthology 1 Cartholo Oron Merid to 4 G. M.

Teorge R. France. Energy U. S. M. From H to 8 P.M. Clear. Sight air and breeze from O. 9 M. to 9.90. Banked frie under briler

Lieutenant Ou. J. M.

From 8 G.M. to Mid bleav and calm. I teady baroneter Frier banked under briler B.

Singe Ravaus, Eneign U. S. W.

Approved Roughly bennwauder Qi. S Pr bennmanding

Examined and found to be correct.

J. B. Mb iller, Luitenant U. I. W. Warngator

LOG of the United States Thip Essex Third Rate, Moored to Dock, Chary Yard, Morfolk, Va.

			Reading		WIND.	/			BAROME	TER.	TEMI	PERAT	URE.			Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock.	balm	0			30.65	- 47	43	41		·b.	none	10	
2						0			30.65	-46	42	40				10	
3						0			30.64	47	42	40		"		10	
4						0			30.62					"	•	10	
5					"	0			30.61					0"	1.	10	
6					-0.004	0			30.61					bem.	cum stra		
7					F. F. W.	1-2			30.59					"	cir.cum.	9	
8						1-2			30.56	46	42	46			cir stust	9	
9						1-2			30.57	48	44	42		b.m.	none	10	
10						1-2			30.55	53	47	46				10	
11						3			30.50	58	53	49				10	
Noon.						1-3			30.46	60	58	52			,	10	
-																	

Course and distance	e made good since preceding noon by observations,	1	nots.		tenths.
	Latitude by D. R.		0	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ②		0	,	"
	Longitude by chronometer from Forenoon Observations of ②		0	,	"
	(Latitude by		0	,	"
Position at 8 A. M.	Longitude by		0	!	"
	(Latitude by		0	,	"
Position at 8 P. M.	Longitude by		0	,	"
Current during the	time, knots tenths per hour, setting to the				
Deviation of the C	ompass by Azimuth O observed at , ship's head		0	,	
Deviation of the C	ompass by Azimuth O observed at , "		0	,	"
Water expended du	aring the preceding 24 hours,		400		gallons.
Water	during the preceding 24 hours,				"
Water remaining o	n hand fit for use at Noon,	1	140	0	"
Coal consumed dur	ing the preceding 24 hours,		tons /	870	lbs.
Coal remaining on	hand at Noon,	42	tons /	075	
				-	

P. M.									
1	Morred to Dock	\$94.	1-2	30.4163	59	53	6.0	none	10
2		"	1-2	30.37 66	59	54	- 11		10
3			1-2	30.37 67					10
4			1-2	30.36 67	63	61			10
5			1-2	30.36 65	61	57	b.c.m.	eir.cum	6
6			1-2	30.37 64	60	57	,	h	8
7		,	1-2	30.38 62	57	55			9
8			1-2	30.38 60	57	55-			9
9		9.804.	1	30.37 59	56	54	,		9
10			1	30.36 58	55	53			9
11			1	30.36 57	54	52			9
Mid.			1	30.35 57	53	51	b.mi.	unu	10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

M I X of Eman Ensign W. & W.

From 4 to 8 a. M. .

Clean Calm. Oh Burto (B. M. 201) was brought on braid by secting and borporal for immegaling ligion in Prany yand about 11.15 PM last night. By order of Commanding Officer placed triads charge of Master at arms to award investigation. Banked fice under hills B.

HPercell Lieutenant W. J. M.

From 8 a. m. to Merid.

Clear and mild Light air to gettle breen from the I. I. Baronette felling Engaged in seculorize dage, hammocke and cleaning chip Free backed under briler B. Dempustum of magazine 64°64° found, 62°64° eft.

Storge Neraus, Eneign O. 49.

From Merid. to 4 PM.

Clear and pleasant. Light aim to light breeze from IN Bacometer falling allowed librity party to go ashow. Backed free under briler B.

N. D. S. Eman Eusign QU. I. M.

From 4 to 8 G.M. Clear and pleasant wrather Light aire and breeze from IN. Baronete riving. Banked frie under brief B.

Senze R. Tours,

Forge R. Trouve, Ensign U.S.M.

Firm 8 P. In. to Mid. Partly closely and cool. Sight air from 9.884. Barmeter falling. Barked frier ender boles B.

N I ColEman Surigo W J. M.

Examined and found to be correct.

J. B. Meillon, Geentmanh M. S. Navigator.

LOG of the UNITED STATES Thip Essex Moored to Dock Chary Yard, Moofolk, Va

Thurd Rate,

					0 (/												-
			Reading		WIND.				BAROMI	ETER.	TEMI	ERAT	URE.	State of	Forms of	Clear Jths.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock	J. J. W.	0-1			30.35	56	53	51		b. m.	nove	10	
2						0-1			30.35	-55	52	51		"		10	
3						0-1			30.34	55	52	51		"	h	10	
4						1			30.32	55	52	51		n	"	10	
5						1			30.29	55	52	51		b.o.m.	cum etras		
6						1-2			30.28	55	52	51		"	cum strat		
7					Parly 9.	23			30.26	57	54	52		b.c.	-,	4	
					8	2.3			30.25	58	56	54			-	4	
8						3.4			30.23	60	56	54		0		7	
9					Q1. \$ Q1.	3-4			30.20	65	59	52				7	
10						3-4			30.14							8	
Noon.						3-4			30.10					b.q.	none	10	
									-								

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
Position at Noon:	Longitude by D. R. Latitude by observations of ⊙	. 0	,	"
Position at Noon:	Latitude by observations of O	0	,	" -
	Longitude by chronometer from Forenoon Observations of ②	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	"
		0	,	"
Position at 8 P. M.	Longitude by	0	,	"
Current during the	time, knots tenths per hour, setting to the			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head .	. 0	,	
Deviation of the C	ompass by Azimuth O observed at , "	0	,	"
Water expended du	aring the preceding 24 hours,	30	0	gallons.
Water	during the preceding 24 hours,			"
Water remaining o	n hand fit for use at Noon,	11	00	" .
Coal consumed dur	ing the preceding 24 hours,	tons	02	0 lbs.
Coal remaining on	hand at Noon,	tons (5	5 .

P. M.						-		air	
1	Moored to Dock	For.	3-4	30.06 72	70	63	b.c.	oum strat.	8
2		Qu. 994.	4-5	30.04 73	71	64		cum	8
3		W. by 9.	4-6	30.05 72	70	63		cum nint	2
4		Obest	3-5	30.067	69	61	0.0	minh	0
5		01.901.	3-5-	30.08 70	68	60			0
6			1-0	30.08 71	64	60			0
7		N. N. E.	4-0	30.14 67	60	57	0.c.n.	-	0
8			4.5	30.2064	1 57	55	,,		0
9			2-3	30.246	55	54	0.c.w.		0
10			2-3	30.26 6,	55	54			0
11		1.191.	3-5	30.32 50	53	50	b.ar.	oum	3
Mid.			3.5	30.33 5	51	48			4

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a M. Clear and pleasant balm to light aire from 9.9% Banked frier under boder B. for heating purposes. Auntipring the Layer Eusign 9.9%.

Firm 4 to 8 a. M. Bair Light airs to gentle beezes from \$ 900 to 900 by 9. Baironeter falling. apprention 3rd class. Bairon of 3rd Lieb R, and Lieb R, returned on braid turber and three quanthe (1294) home one time Fries banked under bale B for heating purposes.

Story Comment.

From 8 a 9th to Merid.

Partly closely and pleasant Gentle to moderate breez from 99 by 9 to ON. 98 th. Barometer falling at 9,30 mustered and inspected one by Division, their called all hands aft to mater and radio articles for the Government of the Wavy and General order from the Department, after which mustered all hands. Banked free under boter 13.

Supposition of magazine 64° 64° forward, 62° 62° aft.

M. J. Loleman.

Firm Merid to 4 P. M. .

Chear and pleasant friet part blooding up last part benefit to moderate berry from I N. by N. and Ob I D. A. 3.20 delived boyer of exercifications to I'm B. Burke, B. Mate 2 class. Banked five under boler B. for heating purposes.

Montgowery to Long a Surger Co. S. D.

Drow 4 to 8 P.M.

Colordy with light rain during last how Barmeter neing and would verying from 8 9.9 to N. N. E. Dauging in free from calm to stiff being Light bounds AM I have left chip on one works leave of absured. Banked fine under briles B.

P. Softman Energy W.S.M.

From 8 (P.M. to Prid.

Orncard and us first half Blearing last half Light to fresh breeze
from N. N. E. to N. N. W. Banked fire under both B. for heating purposes.

Attentiopnery to Legylon
Energy V. S. N.

Examined and found to be correct

J. B. Me illen, Sieutenaut a IN Navigator

LOG of the UNITED STATES Ship Essex.
Moored to Dock, Navy Yard, Norfolk, Va.

Third Rate,

					1 6				1	-	-						
			Reading		WIND.				BAROMI	ETER.	TEME	PERAT	URE.	State of	Forms of	Clear oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.														0			
1				Moored to Dock.	I by W.	3-5			30.36	56	50	47		b.91.	none	10	
2					North	3-6			30.39	53	47	44				10	
3					"	3-6			30.42	50	45	42				10	
4						3-6			30.44	48	44	41		b.o.gr.	cum stral	. 9	
5					N. N. W.	3-5			30.45	48	44	41		. 0	cir. cum	9	188
6						3-4			30.50	46	43	40		b.c.	cum strat.	9	
7						3			30.52	46	42	40				8	
8						3			30.5.4	46	42	40				8	
9					4,	2.4			30.54	49	44	42		b.	none	10	
10					Sorth	2-4			30.54	54	46	44			-	10	
					A by 6.	2-3			30.53						-	10	
Noon.					North	2.3			30.50		1					10	

Course and distance made good since preceding noon by observations,	knots.	,	tenths.
(Latitude by D. R.	0	,	"
Latitude by D. R. Longitude by D. R.	0	,	"
Position at Noon: Latitude by observations of Θ	0	,	"
Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
(Latitude by	0	,	"
Position at 8 A. M. { Latitude by Longitude by	0	,	"
(Latitude by	0	,	"
Position at 8 P. M. Longitude by Longitude by	0	,	"
Current during the time, knots tenths per hour, setting to the			
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the Compass by Azimuth ⊙ observed at , "	. 0	,	"
Water expended during the preceding 24 hours,	4	00 g	allons.
Water during the preceding 24 hours,			4
Water remaining on hand fit for use at Noon,	: 7	0.0	
Coal consumed during the preceding 24 hours,	tons //	445	lbs.
Coal remaining on hand at Noon,	40 " 1	8.50	

P. M.													
1		Moved to Dock	N. ly 6.	2-3	30.47	59	56	51		b.o.	cir.	9	
2			N. 6. by N.	2-3	30.46					b.	none.	10	
3			. /	2	30.45	58	60	56		b.o.	cir.	9	
4			6.16.	1-3	30.46	56	59	54				4	
5			A6. by 6.	1-2	30.48						strab.	9	
6			. "	1-2	30.49							9	
7				1-2	30.49							9	
8				1-2	30.49							9	
9			balm	0	30.48					-	- 4	9	
10			-	0	30.48	1			-			9	
11		•		0	30.48					-	•	9	
Mid.	-			0	30.48	44	41	39				9	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Clear Gentle breeze from North and I by M. blowing stiff to freek in equally Banked free under bills B.

Diene 4 to 8 a. M. Schward cool. Gentle to stiff breeze from & M. V. Barometer viewig.

Chulcul soil and made preparation for rending drive main yard.

N. Cholem an

Energy a. I. M.

From 8 0. M. to Merid

Clear and cool Light to moderate been from N. N. N. North and N. by E. Sentmain yard down and ont on dock. Put all 4 wich shill in provide lighter to be guaged by yard
force. Received in Pay Department, 10 broces call write coap, 100 watch cape, and 94 yards flaunch.

Snavefused to Gentlad Stockeper, 250 working evite and 30 pair of blue cloth thorsess. Many yard
workness at work as felome. Is called 11 men in construction working on program chylight of men
in Engineer Department. Banked five in both of B. Chief Engineer & J. H. abeghuech, U. S. W. was

granted on write leave of about from this date. Morelyonery W. Leylur- Ensign U. F. D.

Clear Sight air to gruthe breeze from N. by 6. to 6. No. Thirty there mus from Continuition at work on board and 4 min in Department of Straw Engineering. We Brand of Surry of which I avail Construction at 3 or a Turmmany board Madrial met on board for the trial of Mr. & Bruck, B. M. 2 cl. Banked from under board of the miles of Mr. & Bruck, B. M. 2 cl.

From 4 to 8 P.M. Clear and cool. Light airs to light brew from N. 6. by 6. The Fremmary Bourt Martial for the trial of 900 3. Busher, B. M. 2 cl. adjoined at 4.90 to award action of covering authority the following min und on lean for the period opposite their name: a. Resin 3. 1 cl., 5 days; N. Fromm world from Dec. 4; Partin Painter, 5 days from Dec 4; J. Schlie, B. Mate 1 cl., 5 days; a. W. Caren Report 1 work and Part. Indexem B. M. 2 cl., 1 wish . Pary Yard workness on brack came as in preciding watch Backed free under both B.

water Baukea free man one or. Thousand the Laylor Greign & & R.

Dem 5 P.M. to Mid. blew. bold. balm. Banked fire under biler B.

Devell Leutenant Q. S. R.

Examined and found to be correct.

J. B. Me Mon, Lieutenant M. & M. Navigator

LOG of the UNITED STATES Thip Essex Moored to Dock, Chavy Yard, Norfolk, Va.

Third Rate,

		_				4			-				_				
			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT		State of	Forms of	Clear Oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Morred to Dock	Calsur	0			30.46	46	41	39		b.c.	cumstra	19	
2						0			30.45						,,	8	
3						0			30 .43							4	
4						0			30.44	44	42	41			"	4	
5					Week	0-1			30.38	44	42	41		f.c.m	,	4	
6						0-1			30.38	44	42	41		,,		4	
7						0-1			3038	45	43	42			-	4	
8					,.	0-1			30.38	45	-43	42				2	
9						0-1			30.36	47	44	42				1	
10						0-1			30.36					0.0.	an umb	0	
11						1-2			30.34	51	44	42		"	-	0	
Noon.						2-3			30.31			43		0.c.d.		0	
2.5011.																	

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	Latitude by D. R.	•	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of O		,	"
	Longitude by chronometer from Forenoon Observations of ②	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	"
	(Latitude by	0	,	"
Position at 8 P. M.	Longitude by	0	,	"
Current during the	time, knots tenths per hour, setting to the			
Deviation of the C	ompass by Azimuth O observed at , ship's head	0	,	
Deviation of the C	ompass by Azimuth O observed at , "	0	,	"
Water expended di	aring the preceding 24 hours,	30	0	gallons.
Water	during the preceding 24 hours,			u
Water remaining o	n hand fit for use at Noon,	. 40	0	и
Coal consumed dur	ing the preceding 24 hours,			5 lbs.
Coal remaining on	hand at Noon,	40 "18		

P. M.									
1	moored to Dock	Otest	2-3	30.29	51 4.	5 43	0.0.d.	nint.	0
2		"	2-3	30.25	52 4	5 45			0
3			2-3	30.25	52 46	45			0
4			2-3	30.25	52 40	46			0
5		Of by N.	1	30.24	56 4	6 45			0
6			1	30.24	53 45	44			0
7		-	1-2	30.24	52 43	7 44	o.c.		0
8			1-2	30.34	52 46	45			0
9			1	30.25	52 46	45	b.c.w.	cum mint	3
10			1	30.27 3	51 43	744		1,	3
11	,	-	0-1	30.27 5	0 44	43		cir.cum.	7
Mid.			0-1	30.28			b. w.	now.	10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Medwight to 4 a. M. Bleav and calm first spart, spartly cloudy latter part. Barmeter falling slowly. Fire banked under briles B. for heating purposes. Senge A Evans. Ensign a. S.M.

Denn 4 to 8 a. M. Cloudy and miety. Calm to light air from Ores. Banked fire under boiler B. Nary Yard workness came abouted at 8 o'clock. Morelyonery 4h. Turjur-Mortgoney the Lunder-

Orom 8 a. M. to Merid.

bloody Overact last there home, tenumating with light drigging rain. Calm followed by light aire to gentle been from Otes. at 9:30 shustend at quarter apparative impaged in dille at brate and extered of the equal By order of the Commanding Officer placed & . He backets app 3 ch, and I seemly app 3 ch, in double now for their days under charge of Parter at arms in both deck, for feitly laceny. By order of came authority placed I saint app 3 ch, under charge of Practer at arms, to about fither action for using observe language to the officer of the deck, backling the main deck, and surfacing in the peop bring doce by new from Construction Dept. 30 lw number and no bry Ow man from the fact aprell about the half how me brand in Dept. of Fteam Engineering. Backed fine sunder briter 13.

Leutenant V. S. R.

From Meid. to 4 P.M.
Overcael Duyling raw. Light to grethe breeze from Neet Nay Yard workness on brand, org.: 21 bankers, 5 Jones , 2 Leveling men, and 2 bryo. Baconete about steady. Free banked under biler B.
Fronze R. Evans.
Energy & E Feorge R. Evans. Ensign D. S. R.

Dem + to 8 P.M. Quevast and cloudy Light dizzling rain first part Eight airs and brever from Oh by Nr. Yard workness mentioned in preveding worth left the ship of 5 PM. Banked fries under biles B.

Leutenant U. S. a. Dim 8 9.90. to Mid Cartly ornead at fiel clear at end of watch very light air from the ly No. 13 armeter vising. Frier banked under boler B. Ferrye R. Evour. Everyn U. I. D. Eusign W. S. ON.

Examined and found to be correct.

J. B. Me illow, Seciteuant U.S.M. Navigator.

LOG of the United States Phip Essex Third Rate, Moored to Dock, Navy Yard, Norfolk, Va.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of	Forms of	Clear Jths.	e Sea.
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balls,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clean Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock	Ok. hy N.	0-1			30.30	48	42	40		b.w.	none	10	
2					, (0-1			30.32					"	4	10	
3					" 2 1	0-1			30.32						"	10	
4					NG.	1-5			30.36					b.o.w	circum.	10	
5					"	2-3			30.36					.,	"	9	
7						2-3			30.36	46	42	41				9	
8					,,	2.3			30.37						-	9	
9					North	3			30.44	52	43	42		-в.	none	10	
10						3			30.43						-	10	
11						3			30.42							10	
Noon.					A by &	3			30.42	54	49	44			,	10	
					0				1	1							

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0 /	"
Position at Noon:	0 , 1	"
Position at Noon: Latitude by observations of ②	0 /	"
Longitude by chronometer from Forenoon Observations of ⊙	. 0 /	"
	0 1	"
Position at 8 A. M. { Latitude by Longitude by	0 /	"
(Latitude by	0 /	"
Position at 8 P. M. { Latitude by Longitude by	o. ,	"
Current during the time, knots tenths per hour, setting to the		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Compass by Azimuth O observed at , "	0 /	"
Water expended during the preceding 24 hours,	300	gallons.
Water Agreemed during the preceding 24 hours,	2800	"
Water remaining on hand fit for use at Noon,	2900	"
Coal consumed during the preceding 24 hours,	2900 tons 161	5- 1bs.
Coal remaining on hand at Noon,	40 " 235	

P. M.									
1	Moored to Dock	North	2-3	30.38 5.	5 54	51	b. m.	now	10
2		N6.	2-3	30.36 5	5 51	48			10
3		1.16.	1-2	30.35 5.	5 51	49	-		10
4		16.	2-3	30.39 5	4 51	49	n		10
. 5		6. 16.	2-3	30.40 5	3 48	46			10
6			2-3	30.41 5	2 45	44			10
7			1-2	30.40 5	1 44	43			10
8			1-2	30.415	0 42	41			10
9		6 alm	0	30.42 4	8 42	41			10
10			0	30. 43 4	8 41	40	-	-	10
11			0	30. 43 4		1		1	10
Mid.	2		0	30 43 4	7 40	39	.,		10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Chidright to 4 a. M. bleav. Out. Calin to light air from Ot by the first three hour, writing to NE in light to stiff breeze last how. Baronete short steady. Banked fries under briles B.

71 C. Le Leman Eneign Ch. I. M.

From 4 to 8 a. 90.

Bleav and cold. Eight to gentle been from N. E. Banked frew under briler B. Received on brand 2800 gallow feel water from hydrant in Yand. I Persell Livituant & 90.90.

From 8 a. On to Merid.

Clear and pleasant writher loool. Senth breeze from North to N by E.

Clary Yard workness 19 caulkers, 8 joining 2 leading men and 2 long, commenced work on braid at about 8.00 a. On and left at 12.00. Received on braid in Ordinaire, from the Ordinaire Department Navy yard 390, 4" projectile in fixed aumunition Exercised portion of Greek Direction we butter under raise and each of here bouked worked for the taining purposes. Confined in Loute some for these days, by order of Commanding Officer for petty lawrey. I. J. Gerbracht app. 3 class.

Jeorge Wernes & Ensign Q. I. A.

Dem Meid to 4 99. .
Clear and pleasant. Light to gentle been from North to N.E. Barnete falling allowed apparenties to go askow on librity. The following have your workness were engaged at work on board, 19 caulters, 11 joness, 1 in Engineer Dept. Banked fice under biles B.

No Hof Eman Eurign V. S. M.

Fine 4 to 8 PM Clear and pleasant wrother Gentle begge to light aire at end of watch from 6. NE Baroneter about steady. Vary gad workness descritinized work at 4.55. Dries banked under briler 15, for heating purpose.

Frank & P. M. to Onid.

School of Second Sec

Examined and found to be correct.

J. B. Mo illow, Lieutenant U.S. M. Naviguiar.

LOG of the UNITED STATES Thip Essex, Movred to Dock, Mary Yard, Morfolk, Va.

Third Rate,

					,	4			0								-
			Reading		WIND.				BAROMI	TER.	TEME	ERAT		State of	Forms of	Clear Oths.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock	Calm	0			30.42	44	38	37		b.m.	none	10	
2						0			30.42			-	1		"	10	
3					. "	0			30.42	43	37	36		, "		10	
4						0			30.42						-	10	
5					п	0			30.42					b.o.m.	cum.etia	8	
6					•	0			30.43		1			,	"	7	
7					m	0			30.44		1				"	2	
8					ONSI.ON.	0-1			30.45		1 4			0		1	
9						0-1			30.43		,			b.m.	none		
10					1.18	0-1			30.42					7.	-	10	
11					JV. JV 6.	1			30.39		,					10	
Noon.						1			00.01	3	1	+9				10	

Course and distance	re made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	•	,	"
Position at Noon:	Latitude by observations of ②	0	,	"
	Longitude by chronometer from Forenoon Observations of O	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	"
		0	,	"
Position at 8 P. M.	Longitude by	•	,	"
Current during the	e time, knots tenths per hour, setting to the			
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	٥	,	
Deviation of the C	Compass by Azimuth ⊙ observed at , "	0	,	"
Water expended d	uring the preceding 24 hours,	3	00	gallons.
Water	during the preceding 24 hours,			"
Water remaining of	on hand fit for use at Noon,	- 21	600	и
Coal consumed dur	ring the preceding 24 hours,	tons	102	D 1bs.
Coal remaining on	hand at Noon,	tons ;	45	
		1	, , ,	

P. M.									
1	moved to Dock	Sorth	1-2	30.32 6	2 55	53	f.	none	10
2		.,	2-3	30.30 62	54	52			10 .
3		,	2-3	30.30 6:	2 57	55			10
4			2-3	30.30 60	54	53		1	10
5		Weel	1-2	30.33 58	53	51	b. m.		10
6		Ot. by N.	2	30.37 55	- 51	49	-		10
7		John.	0-1	30.40 53	49	47	4		10
8		balm	0	30.41 49	45	43	f.		10
9		,,	0	30.41 47	43	42	,		10
10			0	30.42 46	42	40		"	10
11	· ·		0	30.42 44	40	39	5		0
Mid.			0	30. 42 42	38	36	1,	-	0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

- Midnight to 4 a. m. Misty and cold balm Banked five under briler B

Hurdeyoury U. Laylor - Eneign Q. I.M.

Storge Rouse, Re Euign WIN

Our & a. m. to Merid

Generally clear balon to light air from A. Baronette falling. at 9.30 mustered appartice a quarter Had instructions as follows until 110 clock 1st Division and Ponder Division brote with one; all the use of appartices instruction abraid the Draw The following yard workmen were engaged at work or braid in construction of couldness in deep of them Engineering By when of Commanding Officers, O. Hager App 3 cl. was reduced to be confined in doubte work for their day for discharge of reduce and lying, to legal from December 7. I M. Dinggan, Mach, reported the supportation of his terms of substituent. Banked fine under order B.

n Moleman Eusign QL. F. M.

Our Meind to 4 G.m

Banked frie under briter B. Europe & B. Erane, N. 3.9h was detached from this chip and retend to the D. 3.9 "bastime". Instructed all the appointers in the chops of the gred. The same name grang yard workness was bread as in the presiding watch. J. M. Duggan, nach, was discharged from the navel Europe by warn of experiation of his term of sulectural.

The Johnson Europe W. J. M.

Oun 4 to 8 P.M.

Mixty and cool. balow to light breezes from Cheek to I. M. Barmete vering Banked free in file B. at 5 is close called all hands to muter and wad the percedings and findings in the Turmany bout martal case of ON. Bucket M. relies; The charge une general and he was sentenced to he reduced to the next indicor rating, that of Brewin, and to love no months pay commuting to thirty dollars The entire was appared by the Commandar's of the Pray Jack. But the law of pay was refund to the Pray of the Pany By other of the Commanding officer released from confinement and without a letter of the Proposition of the Pray By of the Proposition of the Pray of the P to duty, W. J. But box.

n. J. Coleman Eurign U. S.M.

From 8 P. M. to Onid. Orggy during last home. balon. Bavometer steady. Banked fire under NA Coleman

Gueign W. S. W.

Examined and found to be correct.

J. B. Me Ston, I Leutenant Ol & M. Navigator.

LOG of the United STATES Thip Essex Movred to Dork, Pray Yard, Phorfolk, Via.

Third Rate,

			Reading	N. Committee of the com	WIND.				BAROME	TER.	TEM			State of	Forms of	Clear Oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Onvoied to Dock.	Calm	0			30.44	41	37	36		b.f.	nine	10	
2						0			30.44	40	37	36				10	
3					"	0			30.45	40	37	36			.,	10	
4					п	0			30.44	41	37	36				10	
5	1				"	0			30.44	40	36	35		f.w.	"	10	_
6					н	0			30.45					0 ,,		10	
7						0			30.45	39	36	34		•	"	10	
8					,	0			30.45	39	35	34				10	
9						0			30.48	42	36	35		b.w.		10	
10					.,	0			30.48	44	38	36		b.c.	cum.	9	
11					.,	0			30.44	52	44	42		b.	none	10	
Noon.						0			30.42	55	49	47				10	
												1					

Course and distance made good since preceding noon by observations,	knots.		tenths.
(Latitude by D. R.	0	,	"
Longitude by D. R.	0	,	"
Position at Noon: Latitude by observations of ②	0	,	"
Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
(Latitude by	0	,	"
Position at 8 A. M. Latitude by Longitude by	0	,	"
	0	1:	"
Position at 8 P. M. Longitude by Longitude by	0	,	"
Current during the time, knots tenths per hour, setting to the			
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the Compass by Azimuth ⊙ observed at , "	0	,	"
Water expended during the preceding 24 hours,	30	0	gallons.
Water during the preceding 24 hours,			"
Water remaining on hand fit for use at Noon,	. 23	00	
Coal consumed during the preceding 24 hours,	tons /	700	lbs.
Coal remaining on hand at Noon,	38 "	1995	

P. M.										
1	moved to Dock	balm	0	30.38	58	58	56	b. m.	none.	10
2			0	30.36	59	57	55			10
3			0	30.34	60	55	54	b.	"	10
4			0	30.32				b. m.	7	10
5			0	30.33				1		10
6			0	30.34				b.c.m	cir. etial	.9
7			0	30.34				"	"	9
8			0	30.87					-	9
9			0	30.37				"		9
10			0	30.38						5
11		•	0	30.39				"	circum	
Mid.			0	30.38	48	43	44			4

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M. Boggy and calm. Baconthe alms steady. Banked frie in binler B. for heating purposes. for heating purposes. n Noleman Ensign Qu. J. M.

M Nolsman Eurign W. J. M.

From 8 a. M. to Merid

Grogy and damp fiel part. Eleaning later balm. Such for topeal yand or doll for repaire. On 9.9 Markelead came up to the Yade, firing ealite of thirteen grule, annually seven gime from the Brankline Engaged in cleaning ship and ethics store on brank bauthing of decky finished. Fine bankline World B. G. Chow. S. M. Mate, was brought on brand by Chains Evity, from bone writing baring bone confined at Plany Yand Hote for enoughing liquer, and was placed under change of Charter at some to award action by when of bone and officer. Felter Writer a class, was transferred to this ship from the U.S. E. Formulation.

Harleforwery U. Luylur Eusige D. F. N.

Oum Merid to 4 P.gu.

Flightly mitty. Energy M. B. Legior Q. J. M. reported on brand for temporary ducky on Junmary bouch Martal. Reduired following stone in Pay Tepl.: - 30 brace arap 5 braces tobacco. 462 yet flamel, 295 yet with, 300 worth cape. 100 ps. calf akkin shore 200 per willin acoke, 100 per diamen. 22 d. laga hitten medium 24 de sage bittou suall, 100 cottes bandkurhiefe 292 jack Kuine 150 lbs coudle 200 lbs coffee, 222 lbs. tew 120 lbs punes, 96 lbs rainie 100 lbs parches, 3669 lbs engre 1000 lbs acce 110 getter beaus, 34 getters pure, 500 lbs bread, 6 mees kattles. Banked fine in british B. Hery leve Gueign & S. D.

Montymery M. Very luz.

From & P. M. to Mid Misty balow. Backed fire under boiler B.

Huntgomery M. Ley his Every Dr. J. Dr.

Examined and found to be correct.

J. B. Millin Lieutenant & For Navigation

LOG of the UNITED STATES Ship Essex, Movied to Dock, Chavy Yard, Rorfolk, Va.

Third Rate,

			Reading		WIND.				BAROME	TER.	TEMP	ERAT	URE.	State of	Forms of	Hear	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock	balm	0			30.38	43	43	42		b.o.m.	cir um.	9	
2						0			30.38	43	43	42			.,	9	
3						0			30.38	43	43	42		,,		9	
4					"	0			30.38	43	43	42				9	
5					11	0			30.31	46	40	39			"	9	
6						0			30.31	46	40	39		~	"	9	
7						0			30.31	47	41	40			,	7	
8					South	1			30.30	46	41	40				6	
9						1			30.29	48	43	42			cir sum	3	
						1-2			30.28	50	45	44		0.c.m.	nimb.	0	
10						2			30.25					b.c.m.		2	
11						1-2			30.2		,					2	
oon.				,													

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of O	0	,	"
	Longitude by chronometer from Forenoon Observations of ②	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	"
	(Latitude by	0	,	"
Position at 8 P. M.	Longitude by	0	,	"
Current during the	e time, knots tenths per hour, setting to the			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the C	compass by Azimuth ⊙ observed at , "	0	,	"
Water expended de	uring the preceding 24 hours,	50	0	gallons.
Water	during the preceding 24 hours,			"
Water remaining of	n hand fit for use at Noon,	. 18	00	"
Coal consumed dur	ing the preceding 24 hours,	tons /	530	lbs.
Coal remaining on	hand at Noon,	38 " 4	65	

Р. М.									
1	moored to Dock	F. S. OU.	2	30.18 51	51	49	0.c.d	mil.	0
2			2	30.14 5	52	50			0
3			2	30.12 5	54	52	b.c.	etrak	2
4			3	30.12 58	63	51		cuno minel	1
5		Fly W.	2	30.11 5	53	51	b.c.w.	cum cteat.	2
6		, .	2-3	30.11 57	53	51		eivieum.	1
7			2:3	30.11 5			b.c.	cum ctual.	
8			2-3	30.11 5				-	3
9			2	30.08 58				-	4
10		-0-0	0-1	30.08 58			ì		7
11		F. FW.	2-3	30.09 58			b.	none	10
Mid.			3	30.09 58	54	52		•	10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Misty. balm. Bauhed fire under boiler B.

From # to 8 a. On. Misty. Calm. Backed fire under boiler B. Marriegonory Mr. Heylon Origin M. S. M.

From 8 a. M. to Merid

Cloudy Overcast second how Misty Light air and buzzer from South By order of Commanding Officer released from confusional and restored to duty I the back to Giff 3 to brack to Global of Conditional and with read of Conditional Defendance British Baker mucher Backed fire reads who work in Dept of Steam Engineering From Make from the Gad show work in Dept of Steam Engineering From man from Construction Dept at work on brand. Received on brand from the W. I Chand Observating at Particular of Steam of Steam of Steam of The Construction of Steam of The Construction of Steam of The Chand of Steam of The Construction of Steam of The Construction of Steam of The Construction of The Constructio

Our Meind to 4 9.90

Cloudy. Orwest fiel part. Tight to gette bory from F801. Banked free under boiler B. Then York workness at work on board from Construction Dept. and two Yord. Prachinets in Frank Engineering. By order of Commanding Officer placed in Another none for three days, on both deek. P. C. Schon app. 3cl., for merelucer to the Officer of the deek.

Lieutenant W. S.M.

From 4 to 8 PM. Cludy Light to gentle been from I by Ch. Branked fire under biler B. God workman mentioned in presiding watch all left the ship by 5 PM. Henrell Lintenant U.S. Firettenant W. M.

Fum 8 P.M. to Mid

Banked fue under boler B. L. Lammid app 3cl, returned on board 5 hours on hour Stevens (USA).

Sientenant WIN

Examined and found to be correct.

J. B. Me illin, Lieutewart Ol & M. Navigator.

LOG of the UNITED STATES Thip Essex Third Rate, Moored to Dock, Mary Yard, Morfolk, Va

			n 11		WIND.	0			BAROME	TER.	TEME	ERAT	URE.	State of	Forms of	Hear Tehs.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Movred to Dock	F 901.	0-1			30.08	56	52	50		b.	none	10	
2				0,00	Calm	0			30.08	55	52	50				10	
3						0			30.08	55	51	49				10	
4						0			30.08	54	50	49				10	
5						0			30.06	54	50	49			-	10	
6						0			30.04	56	50	49		,		10	
7					9.90v.	2			30.12	53	50	49				10	
8						2			30.12	53	50	49		b.m.	-	10	
9					ON 9.04.	2			30.12	56	53	52		0.c.m.	sumb	0	
10						2			30.13	56	53	52		b.c.m.	cum.	6	
					West	2			30.10	62	55	54				8	
Noon.					PO1.	2			30.06	63	56	55			1	7	
						1											

Course and distance	e made good since preceding noon by observations,	knots.		tenths.	
	Latitude by D. R.	•	,	"	
	Latitude by D. R. Longitude by D. R. Latitude by observations of ⊙	•	,	"	
Position at Noon:	Latitude by observations of O	•	,	"	
	Longitude by chronometer from Forenoon Observations of O	0	,	"	
	(Latitude by	۰	,	"	
Position at 8 A. M.	Longitude by	•	,	"	
	(Latitude by	۰	,	"	
Position at 8 P. M.	Longitude by	•	,	"	
Current during the	time, knots tenths per hour, setting to the				
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	۰	,		
Deviation of the C	ompass by Azimuth O observed at , "	0	,	"	
Water expended du	aring the preceding 24 hours,	40	00 g	allons	
Water	during the preceding 24 hours,			"	
Water remaining o	n hand fit for use at Noon,	14	00	и	
Coal consumed dur	ing the preceding 24 hours,	tons / 8	370	lbs.	
Coal remaining on	hand at Noon,	37 " 8:	5		

P. M.									
1	Moored to Dock	904.	1-2	30.03 6	- 60	58	bo.	cir. cum	7
2		**	2	30.01 67	61	59			8
3			2	30.016	164	61		cum.	5
4			2	30.016	- 62	60			4
5			1	30.01 62	161	59			5
6		Calm	0	30.066	60	58		cir.	8
7			0	30.10 6	59	57		.,	8
8			0	30.10 60	56	54			8
9		Jr. N. G.	2	30.12 5	8 56	54		cum nint	0
10			2	30.12 58	56	54			0
. 11		balm	0,	30.12 53	53	50	,		0
Mid.		N.NE.	3	30.12 53	53	50	-	0	0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a.M. Clear balm. Occassional light airs from 9.80. first home. Banked frier under birler B.

Trendle Dientenant Qu. 991

From 4 to 8 a. M. Sleav Hazy last how. Calm followed by light beeze from F. F. Q. and F. B. Banked fire under boiler B. a. L. Bland app. 3 c. returned by braid 15 hours oration. A. L. Lightford Their attd, returned from leave.

Herrell Lieutenant ON & W.

From & a. M. to Merid, and pleasant. Sight breeze from Ob est to SON Baroneter falling. At 9.30 Mustered at quarters and had Diversital suspection At 9.45 allowed sparts of boys to Leave, to attend church in town At 9.50 chip and over wors suspected by Commending Officer and P. S. Horten Painter, attend from Leave of above Backed five in boiler B. Delhand espectication of charges, preferred by the Commending Officer, in the Tunnary Court Martial cases of P. Coro T. What and D. J. Hause Opp 3cl. X. J. Commending Officer, in the Tunnary Court Martial cases of P. Coro T. W. Mate and D. J. Hause Opp 3cl. X. J. Commencer Court Martial Cases of P. Coro T. W. Mate and D. J. Hause Opp 3cl. X. J. Commencer Court Martial Cases of P. Coro T. W. Mate and D. J. Hause Opp 3cl. X. J. Commencer Court Martial Cases of P. Coro T. W. Martin Cases of Commencer Court Martin Cases of Commencer Cases of Cases of Cases Cases Cases Cases of Cases C

From Presid. to 4 G.M. Gartly cloudy and warm Sight bury from S.W. Barometer falling. Allowed societing party to wart Marblehead. Allowed librity party of men to go ashow. Bakked frie in Briter 18. 9. Joshyn B. Nate & class, returned from lean of about

N. N. Lo Soman Ensign Ch. & R.

From 4 to 8 P.M. Creening barometer. Viciting parties and church parties all returned about Branch fuci in boiler B. . . Solver an

n. J. Celina an Ensign Qu. J. Op

Dieno 8 P. In. to Mid Oricael. Misty . Calm to light breeze from A. NE . Barometer steady . Backed

N I loud sman Eusign W. I. M.

LOG of the UNITED STATES Thip Essex, Morred to Dock, Chary Yard, Chorfolk, Ca.

Third Rate,

			Reading		WIND.	0			BAROME	TER.	TEM	PERAT	URE.	State of		Hear the.	e Sea.
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balls,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock	J.J.E.	3.5			30.18	54	51	50		0.c.g.n.	nint	0	
2					16.	3-5			30.19	54	51	50		. 0	-	0	
3						4			30.20	54	51	50		b.c.g.	cum minel	4	
4		94				4			30.21	53	50	49			"	2	
5						3-6			30.22					0.0.9.	nimb	0	
6						3-6			30.22						"	0	
7					G. NE.	3-4			30.24	52	51	49		"		0	
8						3-5			30.26	54	51	49		0.0.9.d.	-	0	
9						2-3			30.26	55	51	50		0.c.v.		0	
10						2-3			30.26	55	54	50				0	
11						2-3			30.26	55	54	50				0	
Noon.						2-3			30.26	56	53	53				0	

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of O	0	,	- 11
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
	(Latitude by	•	,	"
Position at 8 A. M.	Longitude by	۰	,	"
	(Latitude by	0	,	"
Position at 8 P. M.	Longitude by	۰	1.	"
Current during the	e time, knots tenths per hour, setting to the			
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	۰	,	
Deviation of the C	Compass by Azimuth ⊙ observed at , "	۰	,	"
Water expended de	uring the preceding 24 hours,	2	00	gallons.
Water	during the preceding 24 hours,			"
Water remaining of	n hand fit for use at Noon,	12	000	o "
Coal consumed dur	ring the preceding 24 hours,	tons /	0 %	O lbs.
Coal remaining on	hand at Noon,	36 " 21	05	5.

P. M.									
1	Moored to Dock	East	3-4	30.22	56 53	53	0.0.0.	minel	0
2			3-4	30.21					0
3		,	3-4	30.2/	,				0
4			3-5	30.17 8	,		0.0.g.m	.,	0
5			3-5	30.18	58 50	5 54	0.c.d.		0
6			2-4	30.17 5	58 53	- 54	0.0. d.g.	-	0
7		6.16	3-6	30.14 3	58 55	- 54	0.c.m.g.		0
8			3-5	30-15	59 56	55	0.e.n.g.		0
9		96.	4.0	30.12 6	02 61	59			0
10		9.96.	3-2	30-12 6	62 6	60			.0
11			3	30.12 6	02 62	60		4	0
Mid.			3	30.12 6	04 62	60			0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Overcast and equally, with rain at times from N. N. E. to N.E. Barometer rising Banked fires in boiler B. Sentle to stiff breeze n I Sool sman Ensign U.S.W.

From 4 to 8 Q On Overcast and damp. Gentle to fresh breeze from NE to E NE in equalle Baroneter riving Banked from in boiler B. at 6-30 commenced coaling ship, from dock after clacking chains on epow show and allowing the ship to surue into the dock.

7 I lost rman Eusign Ou & W.

Court met for the trial of S. J. Jaine app. 3 cl. and I Rose I'M Mate. At 10.10 a Lummary Court met for the trial of S. J. Jaine app. 3 cl. and I Rose I'M Mate. At 12.00 the Court tothe a recent of raw, having taken in 32 ton. Link Count County to M. Olive returned from Leav. Link B. Othertelay reports for dety as watch and director of four December of work in braid I now birlemaker and two leleges at work in Engine rome. By order of Commanding Officer, W. Hager app 3 cl, was released from confinement Courted from in braid from in braid.

Abrilgoring the Faylor Engin W. & 9.

Our Meid. to 4 P. 9M

assembled at 10 clock and adjuned at 135 to await the action of coursing authority. Received on board J. Leay (CP) and H. C. Dennic (CP) from the Franklin. Quind into every earlier in board seloware. From bollows who aloneware For bollows and two being at work in sugar some Banked five in bollow

Montgomeny M. Laylan Energy Q. In.

From 4 to 8 PM. Cloudy and raining. Sentle to stiff been from East and & NE. Fame Nung York men at work, in Engine Department. Danked frie under boler B.

Montgonery Mr. Lengton W. S.M.

From 8 P. M. to Mid.

Raining. Calm to moderate bery from SE. and S. SE. Squally.

Is A review and F. 22 and P. Charnock C. C. Parto, returned from leave. Banked frew in boiler B.

Montgorney M. Leylur Ousign U. J. R.

Examined and found to be correct.

J. B. Millon, Lentenant M. S.M. Navigator

LOG of the United States Phip Essex Moved to Dock, Navy Yard, Norfolk, Va

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Clear oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M. 1				Moored to Dick	Calm	0			30./3	63	60	60		b.c.m.p.	curu mind	- 4	
2					"	0			30.14					6.c.m.w.		3 4	100
3					.,	0			30.15	62	59	59		0. f.		0	
5					TE.	1-2			30.17					of.r.	nimb	0 0	
6					balm	0			30.23	61	58	57		0. f.N.		0	
8					NE.	1			30.24					0.g.d.		0	
9						0-1			30.32							0	
11						0-1			30.30					0.0.	-	0	-
Noon.						0-1			30.29	62	56	55			1	0	

Course and distance made good since preceding noon by observations,	knots.	tenths.
Latitude by D. R.	0 /	"
Longitude by D. R.	0 /	"
Position at Noon: Latitude by observations of ©	0 /	"
Longitude by chronometer from Forenoon Observations of ⊙	0 /	"
(Latitude by		"
Position at 8 A. M. Latitude by Longitude by	0	"
(Latitude by	0 1	"
Position at 8 P. M. Lagitude by Longitude by	0	"
Current during the time, knots tenths per hour, setting to the		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0	
Deviation of the Compass by Azimuth ⊙ observed at , "	0	"
Water expended during the preceding 24 hours,	200	gallons.
Water during the preceding 24 hours,		"
Water remaining on hand fit for use at Noon,	. 100	0 "
Coal consumed during the preceding 24 hours,	, tons / 14	45- 1bs.
Coal remaining on hand at Noon,	36" 160	30 ' -

P. M.									
1	moored to Dock	1.101.	0-1	30.30	62 56	55	0.0	minib	0
2			0-/	30.29	61 56	55			0
3		balm	0	30.30 6	01 56	55		,	0
4		N. N. E.	1-2	30.32	00 56	55			0
5			2	30.34	58 55	55	0.0.m.		0
6			1	30.34 5	7 53	53		4	0
7			1	30.36 5	7 53	51	0.0.		0
8			1-2	30.36 8	56 53	51			0
9		N6.	1-2	30.37 5	6 52	51	0.c.m.	1	0
10		East	1	30.37 5	6 52	51			6
11		-	1	30.35 5					0
Mid.	ž.		1	30.33	57 53	52	0. f.w.		0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a M. Raining. Calm. Danked files in boiler B. Huylon & Freign & In.

From 4 to 8 a. On. Clarky and raining frist them home balow till last half home when light are from NE Banked fries in body B. Havelyonery W. Leylon Hordyonery W. Leylor Ousign & & &

From 8 a. M. to Merid.

Cloudy Quicash Foggy fish part. Calm. Occassional light rais from A. N. O. Broke met for hold. a. M. barrel app Icl. and Math. auderen 13 M. 2 cl. and L. Brown boo, returned from leave. Directarged this day from the Naval France Cleverid on board in the Math. I was found from the Math. I was found in board in Contraction Dept. 200 feel white from 34 feel ask and 25 feel cupper Received in Egyppound Department I could of wood all from the May Yard. By order of Contracting Officer released from confirmation and retord to duty P. Fellot app 3 del. The following mendles of men as work in Straw Eugenesium on contraction of math alute of Index I Quantum Brile Maker, I Brilewaken, Belger, and I Machinist. Chief Engmar & J. Bahgherit, Ph. S. N. exturned from leave.

Ther all Sentenant D. & D.

From Merid to 4 P.M. Ourcast and closely balow and occasional light airs from N. N. V. Received in Equipment Dept. no cook sand world from bany Yard. New meetined in preseding watch working in Steam Engineering Dept. on boiler.

Hurall Lieutenout & Son

WBWhiteley Sientenant W. S. W.

Drow & P. M. to Phid.

Oberther onical and cloudy Doggy last how Light air from No. to East.

Baroneter falling. Banked fire in boiler B.

WBWhitelory Secretement WS W.

Examined and found to be correct.

J. B. Moellen, Leutenaut Q. F. Ok Navigator

LOG of the UNITED STATES Thip Essex Moored to Dock, Play Yard, Profolk, Va.

			Reading		WIND.				BAROME	ETER.	TEME	PERAT	URE.	State of	Forms of	Clear ths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.					٤ ,										.0		
1				Moored to Dock	Grast	1			30.31					0.f.w.			
2						1			30.31					42. 48.		0	
3					Calm	0			30.31						-	0	
5						0			30.26	59	56	56				0	
6					Pireth	1		7700	30.25					b.e.w	Cum munic		
7						1			30.23					"	cum etral		
8						1-2			30.23					b.c.m.		5 2	
9					•	1-2			30.22					15. c. m.	minb.	2	
10						3-4			30.16							4	
11						4-6			30.12					b.c.g.		5	
Noon.										1		1		0.			

Course and distance	ee made good since preceding noon by obs	ervations,	knots.	tenths.
	(Latitude by D. R.		0 ,	"
	Longitude by D. R.		0 ,	. "
Position at Noon:	Latitude by observations of ⊙		0 1	"
	Longitude by chronometer from Foreno	on Observations of ⊙	0 /	"
	(Latitude by			"
Position at 8 A. M.	Longitude by		0 ,	"
			0 .	"
Position at 8 P. M.	Longitude by		0 /	"
Current during the	e time, knots tenths per ho	ur, setting to the		
Deviation of the C	Compass by Azimuth ⊙ observed at	, ship's head	0 ,	
Deviation of the C	Compass by Azimuth O observed at	, "	0 ,	"
Water expended d	uring the preceding 24 hours,		200	gallons.
Water	during the preceding 24 h	iours,		"
Water remaining of	on hand fit for use at Noon,		: 800	"
Coal consumed dur	ring the preceding 24 hours,		tons /0 %	O lbs.
Coal remaining on	hand at Noon,		36 " 610	

P. M.								cum steal	
1	moored to Dock	Piroth	5	30.12 67	68	67	0.0.9.1.0.2	suint.	0.
2			2	30.10 67	65	64	0.0.9.d		0
3		9.901	1-4	30.10 66	65	64	b.c.	cum nint	1
4			1-2	30.08 66	64	63			2
5		F2.	1-2	30.10 67	66	64	0.0		0
6		West	1-4	30.10 69	67	66			0
7			1-2	30.12 69	67	66	bo.	cir.	6
8			1-2	30.12 68	65	64		~	7.
9			1-2	30.14 68				1.	9
10			2	30.17 65	63	62	b.	none	10
11		104.	2	30.1865	62	60			10
Mid.			2	30.20 64	59	58			10

Commander Louis Kingsley Orednesday, December 12

, U. S. Navy, , 1894 .

Midnight to 4 a. M. Cheather varicast and foggy. Light air from East to balon. Baronete steady Fries banked in boiler 18

WBWhiveley Sentenant V. S. M.

From 4 to 8 a M Grather fair. Calm to light airs from Footh, Baronita falling. Banked frew in boiler B. Commenced craling ship, easing spew shows to let ship come in to dock.

Wishhillsey Luitenant Ch J. R.

From 8 a. On. to Merid

Misty and warm Tight aire to fresh breezes from South Figually during latter part of watch Balometer falling Sort watch engaged in craling ship 5 Yard wholever engaged at work on briter B to the self of Fitiam Engineering Flatted free in briter A and allowed free in briter B to die self Dimperature of maghemen 63 = 55° aft, 64° be forward. The acting appointment of J. Elsworth, Chieter Bases Inde revolved for incompating and he revolved to his form rating; that of Flaman acting appointment as boxwarm was given to J. E. Ellworth to date from The 8 Chief & Platte, Chieter Pholose, was gum acting appointment as Chief to date from The 8 Chief & Platte, Chieter Pholose, was gum acting appointment as Chief I than I to date from The 8.

n. J. Coleman Gusign U.S.W.

From Merid. to 4 P. M.

bloody and raining with equally during first part of watch Itiff to light been from Inth to FC. Baroneter falling A115 was official to store training on account of raining taken in approximately 125 tole altogether. B. Blownitien bar And Jeff Elward. Cax, Reft the phip on an wisher leave by absence. I O'Accholan, Bary nate 3th the ship on their days leave of absence Banked free in bother 4, for heating purposes I ame Yand workness abraid as in preceding watch. no ladema

Queign Q. F. M.

Oum 4 to 8 PM.

Onwart first part of watch, cleaning during latter part. Fight air to moderate been from 991 to Chest Barmeton viering. Allowed likely party of men to leave the chip Link & R. blain, returned from leave of absence At 5 o'clock placed of Burnery, Geogram, under Charles at Come change to await action of Emmanding Officer on charge of Anuskuness on dirty. At 7.30 placed I Florency German, in single view for safe keeping, by order of Commanding Officer Bakked free in branch.

n O Colsman Eusign U. J. M.

From 8 P. On. to Mid.

Clear and pleasant Fight breeze from Greet to A. Barometer riving. Builted

fire under biler A. Examined and found to be correct.

A Mostem and Busing & She Starten W. She Mariner

LOG of the UNITED STATES Thip Essex Morred to Dock, Chany Yard, Chorfolk, Cra.

				4 11												
		Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of	Verms of	Clear Jths.	e Sea.
Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 10	State of the Sea
			Manuel to Dock	Calm	0			30.22	61	58	56		b. m	nne	10	
				NOU.	0-1										10	
					0-1			30.26	56	53	51				10	
					0-1			30.28	56	53	51		"	1	10	
					0-1			30.29	54	52	50			,	10	-
					0-1			30.31	52	50	49			,	10	
			3		0-1			30.34	53	49	47				10	
					0-1			30.36	54	50	49				10	
			34	Calm	0			30.38	58	51	50				10	1
				104.	1			30.39	59	51	48				10	
					2			30.37	60	52	48				10	
				N. N. O.	2			30.35	60	54	51		в.		10	
	Knots.	Knots.	Patent Log.	of COURSES STERRED by Standard Compass.	Reading Printed Courses STREET by Standard Compass. Compass. Charter Compass. Charter Compass. Charter Compass. Charter Compass. Course Compass. Course Compass. Course Compass. Course Compass. Course Compass. Course Course Compass. Course Compass. Course	Reading Phone Logs. COURSES STEERED by Standard Companie. Direction by Standard & g Companie. Charles to Dock Lalm O. N.Ch. 0-1 - 0-1	Beading Philade by Standard Compane. Direction by Standard Section Philade Ph	Reading Parties of the Courses STEERED by Standard Company Direction by Standard Company St	Reading	Reading Parish Courses STEERED by Standard Courses Direction by Standard \$\frac{\pi}{2}\$ \$\f	Reading Parish Courses STEERED by Standard Company Direction by Standard \$\frac{8}{2}\$ \$\frac{7}{2}\$ \$\frac{1}{2}\$ \$\frac{1}{2}\$	Reading Parish Courses STEERED by Standard Compane. Direction by Standard \$\frac{8}{2} \frac{7}{2} 7	Reading Parish Courses STEERED by Standard Compane. Direction by Standard Section Sect	Reading Part Part	Reading COURSES STEERED Direction by Standard Section Se	Reading COURSES STEERING Direction by Standard Company Direction by Standard Company

Course and distance-made good since preceding noon by observations,	knots.	tenths.
Latitude by D. R.		"
Longitude by D. R.	0 ,	"
Latitude by D. R.	0 /	"
Longitude by chronometer from Forenoon Observations of ②	0 ,	"
	0 ,	"
Position at 8 A. M. (Latitude by Longitude by	0 ,	"
		"
Position at 8 P. M. Longitude by Longitude by	0 ,	"
Current during the time, knots tenths per hour, setting to the		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 ,	
Deviation of the Compass by Azimuth O observed at , "	0 ,	"
Water expended during the preceding 24 hours,	200	gallons.
Water during the preceding 24 hours,		"
Water remaining on hand fit for use at Noon,	600	"
Coal consumed during the preceding 24 hours,		
Coal remaining on hand at Noon,	35 " 144	15.

P. M.									
1	moored to Dock	1. 1. 24.	2	30.30 6	3 59	54	b.	none.	10
2			2	30.29 6.	3 59	54			10
3			2	30.30 6	0 57	52			10
4		NO4.	2	30.30 5	8 55	50			10
5			1	30.32 6	6 54	52			10
6	the second second second		0-1	30.34 6	5 53	51		-	10
7		balm.	0	30.34 6.	5 52	50			10
8		Q1. N. Q1.	0-1	30.34 6	4 50	48		-	10
9			0-1	30.36 5.	3 48	47			10
10		-	0-1	30.36 5.	3 48	47	-	-	10
11			1	30.36 50	3 48	47	-		10
Mid.			1	30,36 5	3 48	47			10

Barometer

Itoms received in Equip Dept.

risin 50 Chain Pine. 6 Pair Leaders. 2 Jar Brushes. 68 lbs. Hemp seigning, 12 thd 68 . Manilla Rope, 12 .. 50 .. , Henry Rathine , 18 .. From 8 140 .. , manilla Rope , 1/2" bleau 150 2".

of the 120 21/2" on he 200 .. Herry .. 3" Egypt 40 yds Canvas Flow 4 Earny 40 yds Canvas Flow 4 and 4 24 fath Bolt Rope 414" 67°64° 10 lbs. Dietauce Line. 50 Hammocks From 9, 100 lbs. Roundline. paintes 100 .. Honeline. Vaid is 50 lb. Gignab Hallande. Or. F. M. 700 .. Old Jenek. Pier B. 25 . Dime flax. 150 Pail Cleedles. 15 lb. Beeswas: Oum 4 1 under

40 yds Buiting, rd. 18 10 " Muslin, white 10 . Dunting , .. 25 .. . , blue 5. . , yellow. 5 .. . , green. 8 spools, Seeing botton. 60 yds. Enameled bloth, white, 40 Bath Brick. 4 Leuring Boards. To Hose Chashers. 18 Candlesticks, Viw. 250 gallow Lard Oil. 1 .. Naht on Oil. 36 Hanke, Galvanged un 35 Howke, Tingle (acit.) 30 . , Fister .. 100 " , Fish .. 30 Ohimbles. 36 Tgjulge Plates. 1 gras Safety Matches. 240 Candles, Chunny Light.

From Mend to 4 P. M.

Eneign U. S.M. g. Banked Sueign U. J.M. Rud N. S. D. Order I Saw Diego two boler makere & James Gercuey ceurd in Equip. Constant Level Laup agmes 63°61° forward mant Oh & M. uters and two ud repairing Teaman to the and hammock 1 per appended , how for exercise itewant Ol & M. Fires banked

internant & S. O.

d under borler

Lieutenant W. S. W.

Examined and found to be correct.

From 8

A: for

Sentenant Ob S. N. Navigator

LOG of the UNITED STATES Phip Essex Third Rate, Moored to Dock, Chary Yard, Norfolk, Va.

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT		State of	Forms of	Clear Juhs.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.					OI IN				/			,		b.			
1				Moored to Dock	W. NOW.	1			30.36					1.	none	10	
2					"	1			30.37					"		10	H
3						0-1			30.37						"	10	
4					1	0-1		-	30.38					"	-	10	H
5					balm	0			30.38	44	42	40				10	H
6					"	0			30.40	44	41	39		*		10	
7						0			30.42	44	40	37				10	
						0			30.44	44	39	38			-	10	
8						D			30.49	46	41	39				10	
9						0			30.45			1		.,		10	
10					Juntly	1			30.44							10	10
11					200000	0-1										10	
Noon.						0-1			30.40	34	30	48				10	1

Course and distance	ce made good since preceding noon by observation	ns,	knots.		tenths.
	Latitude by D. R.		0	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by D. R. Longitude by D. R. Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon Obs	ervations of ⊙	0	,	"
			0	,	"
Position at 8 A. M.	Longitude by		0	,	"
			0	,	. "
Position at 8 P. M.	Longitude by		0	,	"
Current during th	e time, knots tenths per hour, sett	ing to the			
Deviation of the C	Compass by Azimuth O observed at , sh	ip's head	0	,	
Deviation of the (Compass by Azimuth O observed at ,	"	0	,	"
Water expended d	uring the preceding 24 hours,		20	0	gallons.
Water	during the preceding 24 hours,				"
Water remaining	on hand fit for use at Noon,		: 40	0	"
Coal consumed du	ring the preceding 24 hours,		tons	102	O lbs.
Coal remaining on	hand at Noon,		35 "	385	

P. M.										
1	Moored to Dock	Prorth	1	30.39	59	SZ	49	f.	none	10
2			1-2	30.37	60	51	49			10
3			1	30.37	60	58	55		-	10
4		2	1	30.37	60	60	56	b.c.	cir.	9
5		balm	0	30.38	57	57	56		cir. cum	8
6			0	30.40						9
7		North.	1	30.42					cir strak	9
8		balm	0	30.43						9
9			0	30. 43		,		1	- "	9
10		-	0	30.42						9
11			0	30.44				b.	none	10
Mid.			0	30.44	48	43	41			10
					400		133			

Midright to 4 a cm.
Clear and cool. Calm to light airs from N. M. Barometer rising. Banked fries in boiler A. for heating purposes.

N. O. Cool 2 man Energy D. S. M.

From 4 to 8 a. In. Clear and cool. Calm to light airs from NOV. Baronte rising, Bauled fries under briler A. for heating purposes.

The State of the S

Colon first how then light airs to light brees from N. M. and N. J. M. boleau and pleasant Finished craling chip, brunker bring fell. Energy M. M. Saylor & 90. S. W. by order of the Asay Dept, was detached from this oreel and ordered to the W. F. F. Thetie at Saw Diego, Cal. A. E. Thank Left the chip on five days leave One Quarternan boiler maker two boles maker, one helper and as machinish from the Gad Asay leave One Quarternan boiler to James Turner, Equip Genous for bring drunch or drity was reduced to 4th class for three months Caccard in Equip!

Exempl Dipt. Textain I Try Greet I Pr. Brisculaw, 15 of Live work to Auguston Lamps, 3 Constant Lul Lamp, and it blass chade. Fire bauked under boiler A for heating chip Demperature of magazine 63 61 found, 67 64 aft.

From Previd to 4 PM.

Sight been from N.N.W. and N.W. blear and pleasant Dwo carpenters and two
parities from the Gad at work in Construction Dept. fitting bag racks on buth deck and repairing
Plant wom skylight. Same mew at work in Engineer Dept. Corangened Edward Rewman, Praman, to the
Os. I have Brophetel Profile Par. for treatment with necessary transfer pageers and bag and hammer.
Received on board from Several Corkerper of the Yard, other in Equipment Dept. we per appended
list Orien banked under briler it for heating ship. Caleaud C.a. Echocks, app 3 cl., for our how for exercise

Gen Rolling Divitewant Out &.

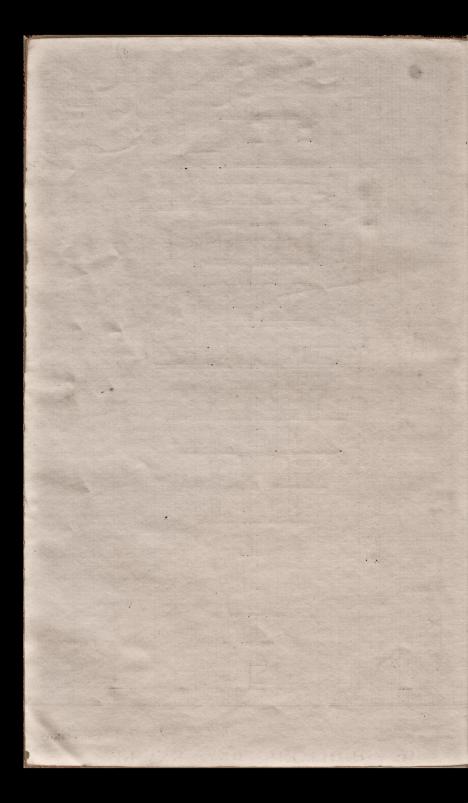
Fine 8 P.M. to Mid Light air from M. N. M. and calme. Bleav and cool. Five banked under boder

A. for heating ship.

Finitenant M. S. M.

Examined and found to be correct.

J. B. Me Iton, Sectement Ob J. Ok. Navigator



Commander Tories Kingsley Friday December 14

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. 9M. Sight airs from Oh A. Ch. and calms. Clear and cool. Bright mornlight Dries banked under boiler A. for heating aligned from Ch. C. C. Leitenant & C. C. D.

From 4 to 8 a. Ch. Calm clear and cool . Fire banked under boler A for heating slip .

Geor Seintemant M. S. M.

From 8 a. P.M. to Merid.

Obeather clear and pleasant. balm to light aire from South. Barreter felling at 9.30 mustered view at quarters, and the following Firmmay bout Martial unterces published at general muster and put in sarcution; Peter Poor (P.M. M.) solitary enfruenced from sumed to surrect peretain it quiet as a D. J. Lance (app 3th law) coltary enfruenced for 15 days in double now on bread and water with full nation enry fifth day. Actin Benne (B.M. 2d.) returned from librity It how sontime Charles Island (B.M. 2d.) returned from librity It how sontime Charles Island (B.M. 2d.) returned from librity It how sontime Charles Island (B.M. 2d.) returned from librity It how sontime Charles Island (B.M. 2d.) returned from librity Island and south aims Island, at enigle eticls; I hid and Forder director at pictols. Engaged in painting yards and mate. Broken Ather for librity Island On what the start to be returned of their elip One Quaterman Delemaker two Berlemaker W. I. S. Manklebrad of Brack lived Island on broken Island galip Compensation of magazine, 52 61 for board repairing briles to Brief banker Whelles Island and interest of the Charles Whelles Island and interest of the Charles Island on 1894.

WBUfillclery Sientenant & J. 9.

From Meid to 4 P.Cm.

Orealter clear and pleasant. Fight aire to light brew from North. Barometer steady Engaged in painting expert and strong for bold Cected in Pay Dept. 1968 lbs flow 600 lbs brad and 100 embedites. Therein active in Engine Dept. as follow: 10 sheets tim became enery cleth 24 flee (see), 1stilless where, 6 acceptes (Augi) 6 brass ellows because 12 glass water guage beading hammer, 20 both rate (seet) to the copper some 2 both late and beaching to make both 10 the copper some 2 both late and beach 12 flee cells of the continue of always of the cells and 1 brass union 15 fleets and 12 both cells and 1 both 12 bo withing a mittle luptometrie, a wine exame, a wither nature, brittle muchage, is elected blotting gaper. It ream letter paper, to seem note paper, be from holders, both the file 100 letter enveloper, 24 tope for hand lawree, 4 theremore ordinary 24 lydermeter 12 Instal brick, 10 lb. apriges, 240 lb. waste, 7 lb bolts and nute 170 feet win eops 10 year cotta causes 2 brase oil fader, 1 Set twist dillo, 1 Set taps stacke and dies Fame thany gaid workness on board as entend in formore watch. Fire backed in biler A. for heating ship.

W.B.Whieleley Suntenant Q. S. M.

From 4 to 8 P.M

Peather clear and pleasant balon to light aire from North Baronter riving Fire banked in boiler A. for heating ship

W.B.Whitelerg Treitenant Ou. 9 W.

From 8 P. M. to Mid

Examined and found to be correct.

J. B. Meilton,

Lieutenant W. F. N. Navigator.

LOG of the UNITED STATES Thip Essex Moved to Dock, Chay Yard, Chorfolk, Va.

								0									
			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of	Forms of	Clear Jths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock	balm.				30.44	48	44	43		b.on.w.	none	10	
2						0			30.45	1					"	10	
3					*,	0-			30.46					,	"	10	
4			:			0.			30.47					;	"	10	
5					balm	0			30.47	43	40	39		b.r.	-	10	
6						0			30.48	42	39	38		b.m.w.	,	10	
7						0			30.50	42	39	38			,	10	
8						0			30.52	42	40	38			-	10	
9					n-	0			30.52	45	43	42		b.c.	cum etial	9	
10				In Dry Dock.		0			30.52	48	44	43		".	"	9	1
				1	Linth	0-1			30.48	52	47	46				9	
Noon.						0-1			30.44		,				cir.	9	
													-	-		1,10	

Course and distance	e made good since preceding noon by obs	servations,	knots.		tenths.
	(Latitude by D. R.			,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by D. R. Longitude by D. R. Latitude by observations of Θ		0	,	"
	Longitude by chronometer from Foren	oon Observations of ⊙	0	,	"
	(Latitude by		0	'	"
Position at 8 A. M.	Longitude by		0	,	"
	(Latitude by		0	,	"
Position at 8 P. M.	Longitude by		0	,	"
Current during the	e time, knots tenths per he	our, setting to the			
Deviation of the C	Compass by Azimuth O observed at	, ship's head	0	,	
Deviation of the C	Compass by Azimuth O observed at	, "	0	,	"
Water expended d	uring the preceding 24 hours,		20	00	gallons,
Water	during the preceding 24	hours,			"
Water remaining of	on hand fit for use at Noon,		20	0	"
Coal consumed dur	ring the preceding 24 hours,		tons 1	530	lbs.
Coal remaining on	hand at Noon,		34" /	095	- •
				1	

P. M.											
1		Moored to Dock	Pouth	0-1	30.40	69	52	49	b.m.	none	10
2		1	"	0-1	30.39	61	55	50			10
. 3				0-1	30.39	62	55	53			10
4				0-1	30.39	61	55	53			10
5				0-1	30.38						10
6			.,	0-1	30.39	58	53	51			10
7				0-1	30.40	56	50	49			10
8				0-/	30.41	55	49	48			10
9			~	0-1	30.41	54	48	47	b.c.	cir. etial.	9
10		•		0-1	30.42	52	47	46			8
11				0-1	30.42	51	47	46			7
Mid.				0-1	30.43	49	46	45			6
						-					

Commander Touis Kingsley Paturday December 15

, U. S. Navy, , 18 4.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Cheather clear and cool. balm. Barometer riving. Banked frier in briler A. for leating ship. W.B.Whitesley Lewtenant W. S. M.

From 4 to 8 a. On.
Obeather clear workead, for and much one water balow. Barometer rising Fries banked in balor A. for beating chip.
Willbettelery

WBWhitelery Suntenant Q J. M.

Orm 8 a. M. to Merid.

bleav and cook balow to light air from Porth. Baronete falling at 8.45 commenced to each off chain and warp ship ahead and into dry dock at 10.30 ahip retted on heel blocks. Lind hands one to clean elips bottom to starband ganging about. Filled port boles to cover elight liet J. E. Dienew B. G.M., returned from lear Banked free under briter A. 4 new from Dept. Fram Eugeneering at work on braid Demperature of magazine 62°61° forward. 62°61° aft. n. J. Coleman

Eusign U. F. M. Allowed librity party of byo. to go ashow. Sub working factly on dock to clear up abread of when ship lay. It alread uniquing which had been landed to be truited in First E. J. Begettim app. 3el, to the Norfeld Hospital for treatment. God light yarder about Banked free in bother 4. Oune Merid. to 4 P.On.

N Soleman Euriga QL 9. Ok.

From 4 to 8 P. M. blear booler balow to light air from Forth Library of logo returned about early O. P. Thouton ago sch. Received on board & Bardon, Fla for transfer from the II attente to Ch. I. R. German. Banked frew in boler A.

N. J. Ceman. N Gol Eman Eurige QL F. 94

From 8 P. M. to Mid. Partly cloudy and cool Barometer neing . Light aire from South Banked free

N. J. Coleman Eusign U. S.M.

Examined and found to be correct.

J. B. Me illow, Lieutenant USG Navigator.

LOG of the UNITED STATES Thip Essex Third Rate,

	on Dry Disco, roung of and, roung town, sur.																
			Reading	0	WIND.		,		BAROME	TER.	TEMP			State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att/d.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.																	
1				In Dry Dock	Smith	0-1			30.43	48	45	44	4	· b.c.	cum etial	6	
2					,,	0-1			30.43	48	45	44		,		6	
3					,	0-1			30.43	48	45	44			"	6	
4					"	0-/			30.43	48	45	44			"	6	
5					.,,	1			30.43	45	43	42		6.c.w.	cir stral	7	
6					9.901.	1			30.43					"	"	7	
1						1			30.43					"	"	7	
8						1			30.43	46	43	42		b.o.	-	8	
9						1-2			30.44	49	46	45			-	8	
10						1-2			30.44	52	47	46			cir aum	7	
11						2			30.42	56	50	49			-	6	
Noon.						2-3			30.39	59	51	50				5	
2.001									1								
-	-	-									-						

Course and distance	re made good since preceding noon by observations,	knots.	tenths.
		0 /	"
	Latitude by D. R. Longitude by D. R.	0 ,	"
Position at Noon:	Latitude by observations of ②	0 1	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
	(Latitude by	0 ,	"
Position at 8 A. M.	Longitude by	0 ,	"
		0 /	"
Position at 8 P. M.	Longitude by	0 1	"
Current during the	e time, knots tenths per hour, setting to the		
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the C	Compass by Azimuth O observed at , "	0 /	"
Water expended d	uring the preceding 24 hours,	200	gallons,
Water receive	during the preceding 24 hours,	2800	"
	on hand fit for use at Noon,	2800	"
Coal consumed dur	ring the preceding 24 hours,	tons 1020	lbs.
Coal remaining on	hand at Noon,	34 " 75	
		-	

Р. М.										
1	In Dry Dock	9.904	3	30.34	60	54	52	b.c.	civ. cum	5
2		,,	2-4	30.30	61	56	53			5
3			2.4	30.28	62	58	55			6
4			2.4	30.28	62	59	57			7
5			2.3	30.29						5
6			0-1	30.30	62	56	54	5.0		0
7			0-1	30.30	62	57	55	b.c.		4
8		-	0-1	30.30		1				4
9			1-2	30.30			1			6
10			1-2	30.30						6
11		"	2	30.31		,		-	cum unit	
Mid.			2	30.31	61	57	56			3

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

On: 1:11 + 10.0
Midnight to 4 a. M. Parthy cludy and cool. balow to light airs from Such. Barometer steady. Banked file in bother A.
Barmeter steady. Barked film in biler A.
A J. Coleman Cherry W. J. O.
Army to a a face
From 4 to 8 a Dr. Cartly closely balow to light airs from South to 4.89 Barrete steady. Barked fries in both to.
steady. Cauched fries in Vinler Ct.
Design V. S. M. & Chaid.
Ourges U. J. W.
Light air to sently brew from F. Jak Fair and pleasant at a 30 Commander
From 8 a. On to Presid. Sight aire to gentle breeze from 9904. Fair and gleasant at 9.30 Commander Officer inspected crew at quarters and the ship. about without leave, On I I houten light och and
D. Leany C.P. Discharged from their weel and the Raval Tennee august Fredericken acting blu Quartementer, with Continuous Prince Certificate No 9888, and Paster Bryle, Rater Indee with
Quartumenter with Continuous Trince Certifiate No 9858, and Partick Soft Orater Sude with
Continuous servie Certificate No 8614, Exect terme of entermine Lawre experie Cercara from confusion for motion of the forestand of the forest from the motion of th
By vane authority placed D. I. Games app. 3cl. in colitary confinement in double wine on brand
and water for fiftee (15) drays with fell nations every out hay in accordance with the centure
Enturing Severe Certificate No Porty their terms of exhibitions having expected Released from confirming by order of the Communication Officer, C. a. Schools app 3cl, lie them of endiament having lagrand by vame authority placed D. I. Sames app 3cl, in estarty enturing in ducte wome on break and water for fitter (5) days with fell nations every 5th day in accordance with the centered of a bout mattal. Such as party of appendix to the Catholic Church in Portunith Semperature of magazine forward to see affect to after Danked five in borler of
George Sentenant & 9.9.9.
Sentenant W. F. W.
Sim onewas to 4 590. Sich to madewate been line SIG Fair and pleasant blueb want return
From Meind. to 4 PM. Sight to moderate bery from F. F. Fair and pleasant blunch party returns Banked five in boiler 4.
General Sinternal St. & M.
FLORD & to & P.M. Steelleran V. M. D. C.
Person & To & S.M. Ohind light from & 90. and calme Parthy cludy and pleasant & Phonton. App. 3cl. returned 24 house overtime. Banked five in body of Sientenant V. S.D.
app. 3cl. returned 24 horles vartine. Banked fiew in briles it.
Sixty would & O
Mr. on 8 P. M. to Mid
Dem 8 P. M. to Mid. Light aim to light been from I. IV. Partly closely and pleasant. Barber free in boiler it. Gen 18 Contract Sicrituant W. IV.
file in boler it.
Distructed W. 99

Examined and found to be correct.

J. B. Mo illon, Leutenach W. S. W. Sarigator.

LOG of the UNITED STATES Thip Essex Third Rate, In Dry Dock, Navy Yard, Norfolk, Va.

				n wing a	,	1/	7000			0		'					
			Reading	0	WIND.	0			BAROME	ETER.	TEME	PERAT	URE.	State of	Forms of	Clear Jths.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Im Dry Dock	J. J. 01	1-4			30.28	62	56	55		0.6	Cum nin	f.0	
2						1-4			30.30	62	56	55				0	
3						1			30.29	62	56	56		0.c.d.		0	
4						1-2			30.28	62	56	56				0	
5						1-2			30.29	61	55	54				0	
						1-2			30.29	61	55	54		b.c.		4	
6					Pol.	1-2			30.29	60	56	56		.,		4	
7						1			30.31	59	55	55				8	
8					W. 904.	2			30.36	62	57	57			cir. cum	9	
9						2			30.36		,					9	
10					Q1. N Q1.	2			30.35					b.	none	10	
Noon.					North	1-2			30.33		1					10	
						-			1.								

Course and distance made good since preceding noon by observations,	knots.		tenths.
(Latitude by D. R.	0	,	"
Longitude by D. R.	0	,	"
Position at Noon: Latitude by observations of ②	0	,	"
Longitude by chronometer from Forenoon Observations of ②	0	,	"
(Latitude by	0	,	"
Position at 8 A. M. Longitude by	0	,	"
	0	,	"
Position at 8 P. M. Longitude by	0	,	"
Current during the time, knots tenths per hour, setting to the			
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0	i	
Deviation of the Compass by Azimuth ⊙ observed at , "	0	,	"
Water expended during the preceding 24 hours,	30	00	gallons.
Water during the preceding 24 hours,			"
Water remaining on hand fit for use at Noon,	23	00	"
Coal consumed during the preceding 24 hours,			
Coal remaining on hand at Noon,	tons	785	

P. M.									
1	In Dry Dock	91.916.	1-2	30.30 6	4 6	0 5	b.e.	cum.	9
2	. Chooned to Dock		2	30.31 6	4 (01 57			9
3		"	3	30.32.6	04 6	1 57			9
4			3	30.34 0	61	59 57		-	9
5			2	30.38	58	5-53		1.	8
6			2	30.40 5	58 3	14 52	· b.	none	10
7		16.	2	30.42 8	28.	53 52			10
8			1-4	30.44	58 3	13 51		-	10
9			2-4	30.45	57 .	50 49			10
10			3	30.48 &	57.	51 40			10
11		Sorth	4-5	30.50 5	56	49 4	7 .		10
Mid.			5	30.51 8	55 1	+7 4	7		10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Light airs to moderate breve from J. J. M. Orreast with driggling raw last two hours Banked fires in boiler of the Science of Science of Science and Description of the Science of th

Firm 4 to 8 a. CM.

Slight airs to light breye from 9. Feb. and Feb. Clearing. Banked firm in boiler it.

General Comment of Statement
From 8 a. m. to Merid.

Or eather clear and spleasant, with light breeze from Or 90 to North Baroneter falling. Engaged in exaging elipse bottom Orchauled all the magazine and rear exche and rater. The following Clear Grand workness earling in calin party: I cargueter and I chip feter putting up gelles: from Enguer Dept. 5 machineters. Quaterman Balemaker. I Cangueter and I helpen Rigged in the flying jet boom. Banked file in balem Rigged in the flying jet boom. Banked file in balem Files in balem of magazine 65-64 forward, 64 642 aft.

Will titley.

Lenteman & 90.

From Meid to 4 PM.

Orather clear and pleasant, with light to guth been from N.N.E. Baconeter newig. At 130 hould out of Du Dock, and movered ally aladgeds of the what we came printion as droated in Patuday. Edward Rewinson (Sta) and D. F. Eikene (Esp. 3 ch.) was transferred to their ship from the Neval Baptal. The following Nany Yard workness from Enguine Digt were at work on board; a Machinist, a Quaternan Balemakue, 2 Balemakeer, and 1 helps. Backed fire in both A.

WBW hijelary & F. D.

Drom + to 8 9.90.

Deather clear and pleasant Light to moderate breeze in puffer from N NE to NE.

Barmeter viewig. Banked frier in boiler it:

Wisultities y

Lieutenant 9.99.

From 8 P. M. to Mids

Prother clear and cool, with light to stiff being from No. to North Baroniter issuig. Backed from in briber N. WISWhitteley Lieutenand D. J. M.

Examined and found to be correct.

J. B. Moillin, Switzenant Ob S. Ok. Navigator.

LOG of the UNITED STATES Thip Essex Third Rate, Moved to Dock, Chary Yard, Chorfolk, Va.

						1_			0								-
			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	URE.	State of	Forms of	Clear Rbs.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Waternt Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				moored to Dock	North	2-4			30.52	54	48	47		b.	none	10	
2						3-4			30.53	53	46	45			"	10	
3						3-5			30.54	51	45	44	2	"		10	
4						3-5			30.56	50	44	43				10	
5						4			30.56	49	44	43		b.e.	cir: cum	9	
6						4			30.56							8	
7						3-4			30.60	47	43	42		"	,	8	
8				-		3			30.64	47	43	42				9	
9					A. NE.	3-6			30.64	48	44	43		-		7	
						4-6			30.64	49	45	43			-	8	
10						4.5			30.66	50	45	44				6	
11						4			30.63	51	46	45				6	
Noon.																	
_							-	-	-	-	-	-			-		-

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0 /	"
Longitude by D. R.	0 /	"
Position at Noon: Latitude by observations of O	0 /	"
Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
	0 ,	"
Position at 8 A. M. Latitude by Longitude by	0 /	"
	0 /	"
Position at 8 P. M. Longitude by	0 ,	"
Current during the time, knots tenths per hour, setting to the		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Compass by Azimuth ⊙ observed at , "	0 /	"
Water expended during the preceding 24 hours,	200 8	callons.
Water during the preceding 24 hours,		"
Water remaining on hand fit for use at Noon,	2300	"
Coal consumed during the preceding 24 hours,		1bs.
Coal remaining on hand at Noon,	172 " 2005	
	1	

P. M.										
1	Moored to Dock	N.NE.	2.3	30.61	52	51	48	b.o.	cir cum	7
2			2	30.60	52	49	47			6
3			2	30.59	51	50	48			5
4		North	2	30.60	49	49	47			5
5		1.16.	2	30.60	49	45	44			6
6			2	30.58	48	44	43			8
7			1	30.57	48	42	41		-	8
8			0-1	30.58	46	41	40			1
9		Otest	0-1	30.60	45	40	39	s.c.	cum aini	0
10			1	30.60				1	"	0
11	•		1	30.58						0
Mid.	•		1	30.56	46	41	40			0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a M. Okrather clear and cool. Light to stiff breeze from North. Barometer rising. Banked fire in boiler it for heating ship.

Lieutenant U. S. R.

Annu 4 to 8 (1.01).

Oberather clear and cool. Products to guith been from North Barometer ricing James James James (GG) was brought on board 2 days mutine, by Mains Orderly from Navy Yard Free banked in boiler A.

WB.Whitelsey Lieutenant U.S.W.

Promo 8 a. M. to Merid

bloody and cool. Gentle to fuch bruge from N. N. E. Barometer variable Lieut J. L. Queell atunud from lean At 9.30 mustured at quarters and had drille as follows until 10.30:1st Division esting up; 2nd Division infautry; 3th and Proder Division enigh aticke Communical
getting in stone and eterning for hold. The following yard workmen were engaged in work on the align
10 alw in Dept. of I take Engineering and 3 min in Construction Dept. Backed free under botter it Dengevatur of magazines 63° 62° founded, 63° 63° aft.

N. I Gol Eman Ensign U.S.N.

Oum Merid to 4 P. CM

Consider water. Eight to gentle breeze from N. N.E. to North. Einched atoming for hold. Reason street in Dept. of Guyphin and Recounts ar follows-4000 lbs. Park 2000 lbs. Beef, 106 gallome, Avolacece, 100 gallone, Fruiger, 912 lbs. Riviley, 960 lbs. Vegetables, 1440 lbs. Bam 352 ls lbs. Butter, 1440 lbs. Exceed Beef, 465 lbs. Fansage, 1440 lbs. Rosel Vector 1, 960 lbs. Pract Baf, and 574 lbs. I matrix. Received storic in Dept of Steam Engineering as follow: 35 lb. Botte and Pouts, Som , 10 Un Som Veeler (acet) 3 Dust Brusher 6 Parist Bucker (Jack Jool), 6 born Barren, 4 Oklitwach Bucker, 5 th. Base Phie 4 Brees Padlocks, 17 lb. Sheet Jum 18" 100 lbs. Oblite Sad soo the Olite June, 10 th. Auchar. 10 gettine Luciest rel, 10 gettine Lucquetine 20 th. Cham June, 12 corn.
Enery bloth a Fillen Visuale, a Dor Pacto rubber a Dor Mato, manula, 25 th. Feld June 5 th. Feld Folder, 250 the Bacar
Pape 1: 29 th. Genety Patal 15 th. Catly Pomale, 200 th. Bacar June, 100 th. Rad Land 500 th. Potal 35 th. Feld Folder,
12 th. Chauseth, 75 th. Feld Italia Folge, 50 th. Dallow, 1 Sungth Janu Cip. 97 th. Annual Seon. 30 Son Brite 16 x 1/2", 35 Son
Botto 76 x 2", Registe at flying fit brow Junual in condemned quai to negging loft Received old man topsail from sail loft. Banket fire under boiler A.

n I bot Eman Ensign W. S. W.

N I bot Eman Euign & J. J. W.

From 8 9 9 to Orienes. Fight air from Obrest. Barometer felling. Banked frier under brier A.

A Coleman Eneign & & M.

Examined and found to be correct.

J. B. Me ilton, Dieitenent Ch. J. D. Navigator.

LOG of the UNITED STATES Thip Essex, Movred to Dock, Play Yard, Profolk, Va.

					0 (0						1100000		
	1		Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	Forms of	Clear Jths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Duck	J.NE.	2			30.5/	44	41	41		b.c.	cum	5	
1 2				27000140 10 00000	"	2			30.48							6	
3						2			30.43	44	42	41				4	
4						1			30.42		1					2	
5					&.N&.	1			30.40	, ,				"	cum aint	2	
6					NE.	1			30.38			1		0.0.7.	,	0	
7						1			30.38					0.c.d		0	
8					N NE.	1			30.38					000		0	
9					•	1			30.38						-	0	
10						1			30.36						-	0	
11						1			30.36	52	45	44		-	-	0	
Noon.					-	1			30.36	52	45	44	4			0	
						1		1				_			1	-	

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 /	"
	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of ②	0 /	"
	Longitude by chronometer from Forenoon Observations of ②	0 /	"
	(Latitude by	0 /	"
Position at 8 A. M.	Longitude by	0. /	"
		0 ,	"
Position at 8 P. M.	Longitude by	0 ,	"
Current during the	e time, knots tenths per hour, setting to the		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the C	compass by Azimuth ⊙ observed at , "	0 ,	"
Water expended de	uring the preceding 24 hours,	300	gallons.
Water	during the preceding 24 hours,		"
Water remaining of	on hand fit for use at Noon,	, 2000	"
Coal consumed dur	ring the preceding 24 hours,	tons /44	5 1bs.
Coal remaining on	hand at Noon,	172 " 560	
		,	

P. M.										
1		Moored to Dock	J. N. E.	1	30.32 5	7 46	46	D.C.N.	cumains	0
2				1	30.3/ 5	7 45	45		2	0
3				1	30.31 5	6 46	46			0
4			NE.	1	30.31 5	1 46	46	0.o.d.		0
5				1	30.32 5	3 47	47	b.o.w.		3
6				1	30-33 5	3 47	47	h	,	4
7				1	30.34 5	3 47	47	,		6
8				1	30.36 5	3 47	47	b.	none	10
9			North	1	30.37 5	3 46	46		,	10
10	1	•		1	30.37 5	2 45	44	b.w.		10
11			1.18.	1	30.39 5	2 45	44			10
Mid.				1	30,40 5					10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to & a. On	
Midnight to 1 a. M Cloudy . Tight breeze from A. N. E. Barroweter falling . Banked free under briler "A":	
under briler "A". n Dooken.	2.
The of Energy W. F. M. Energy W. F. M.	
From 4 to 8 a.M. Cloudy with rain at times. Barmeter falling Light airs from N. N. E. to E. N. Banked fire under Griber A. N. Floritan.	60.
Danked fuer under Gribs A. N Dool En.	
Engy V. F. W.	
From 8 0. On to Oriend. Light aire from S. S. & Overcast and rainy about writing 6 O'Keefe Core Two (2) Chackwriste, one (1) helper, there broken maken and there (3) helpers, from the Gard at work	
Two (2) Chackiniste, not (1) helper, there booler maken and there (3) helper, firm the Yard at work	,
lung shaft and upaning boiler 6 6.0. Chimuteur Cox, O. G. Thoup, I de J. Elleworth, Cox au I & Brick & Mate day returned how leave Drive bouled under boiler it for heating ship. The boll	down
lining shaft and repaining briles 6 b. B. Clementers, Box, a. E. Phonep. Late. J. Eleverth Cox an J. El Benik & Mate claw, returned from leave Fixed banked under briles of, for heating ship. The felt punishment was awarded: J. Leavy & P., for leaving ship inthost permission and bringing beer on braid, to be confined in doubt since every night for fire nights. Demperature of magdymes, 62 forward, 63: 61° aft.	.,
for traid to be confined in some time every right for fine might examplatine of manyageness, or	. 6
Suit 1019	a
From Pherid to 4 PM. Stight aris from N. N.E. and N.E. Overcast and namy Yard workness continue work in Engine Dept. Revised on braid in Engine Department from the General Florkeyer of the Gard, 148 to gallow of land oil, and in the Continuous Dept. 10 the yellow ocher rand gallow lived oil (Inited) Dries banked under biolem N. Frend out clothing and small etoric Destad magazine flord cooks and found them in working order. Sected 4 to 8 P.M.	. ,
work in Engine Deel Round on board in Engine Department from the General Stockeye	n
of the yard 148/2 gallow of land oil, and in the Continuation Dept. 10 the yellow ochre and	5-
Dested magazine flord cocke and found them in working order.	
Geo. R. Oiosia Sieutenant W. A.	W.
From 4 to 8 P.M.	,
for the night File backed under boiler 4. for heating ship	
From 4 to 8 P. 90. Light aire from N.E. Clearing wrather Placed J Leavy, C.P., in double write for the night File banked under birler 4. for heating ship. Reserve Sicientenant U. 9.	ou ou
Sim & G. On. to Olid	
From 8 P. On. to Orid. Light air from North and N. N. E. blear and cool Frier banked under boiler it for heating ship.	,
Suiteuruth I	0
Timenury, 3.	n
examined and found to be correct.	

J. B. Me ilter, Sentender & M. Navigator

LOG of the United States Phijo Essler Phid Rate, Moored to Dock, Mary Yard, Norfolk, Va.

COURSES STEERED	WIND.				BAROME	TED						4 . 1	
					DAROSIE	ILDR.	TEMP	ERAT	URE.	State of	Forms of	Clea 7ths	e Sea
by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att/d.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
Moored to Dock	Oroth	,			30.40	52	45	44		b.w	none	10	
		1			30.41	51	44	43			"	10	
		1			30.42	51	45	44				10	
		1			30.42	50	45	44				10	
		1			30.44	50	45	44				10	
,	-	1			30.46	50	45	44		"	-	10	
	J. NE.	1-2			30.49	49	44	44		b.	-	10	
		2			30.51	49	44	43			-	10	
		3			30.52	51	45	44				10	
		3			30.53	54	47	46				10	
	North	3			30.56	56	48	47				10	
	N by E.	3			30.55	56	49	48				10	
	Moored to Dock	Moored to Dock Proth	Moored to Dock Chorth / / / / / / / / 2 3 3 North 3	Moored to Deck Chorth / / / / / / / / / / / / / / / / / / /	Moored to Dock Ohorth /	Moored to Dock Chartle / 30.40 / 30.42 / 30.42 / 30.42 / 30.44 Jr. N. E. /2 30.57 3 30.52 Joseph 3 30.53 Joseph 3 30.56	Moored to Dock Chartle / 30.40 sz. / 30.42 s1 - / 30.42 s1 - / 30.42 s0 - / 30.44 s0 - / 30.46 s0 Jr. N.E. /2 30.44 49 - 2 30.51 49 - 3 30.52 5/ - 3 30.53 5/ - 4 4 50 - 3 30.53 5/ - 3 30.53 5/ - 3 30.53 5/ - 3 30.53 5/ - 3 30.53 5/	Moored to Dock Chartle / 30.40 & 2.45 / 30.42 & 1 44 / 30.42 & 1 45 / 30.42 & 0 45 / 30.46 & 50 45 Jr. N. E. /2 30.46 & 50 45 3 30.52 & 149 3 30.52 & 149 3 30.53 & 447 3 30.53 & 447	Moored to Dock Chortle / 30.40 52 45 44 43 30.42 50 45 44 44 45 0.45 0.45 0.45 0.45 0.45	Moored to Dock Chorth / 30.40 52.45-44 / 30.4251 45.44 / 30.4250 45.44 / 30.4650 45.44 / 30.4650 45.44 / 30.4650 45.44 / 30.450 45.44 / 30.455	Moored to Dock Ohorth 1 30.40 52 45 44 B.cr. 1 30.42 51 45 44 3. 2 30.42 50 45 44 30.45 6 45 44 1 30.46 50 45 44 1 30.49 49 44 44 b. 2 30.52 51 45 44 3 30.52 51 45 44 3 30.52 51 45 44 3 30.52 51 45 44	Moored to Dock Chorth 1 30.40 & 245 44 b. or name 1 30.42 \$1 44 43 1 30.42 \$1 45 44 1 30.42 \$0 45 44 1 30.45 \$0 45 44 1 30.46 \$0 45 44 1 30.46 \$0 45 44 1 30.46 \$0 45 44 1 30.56 \$1 49 44 44 2 30.50 \$1 49 44 44 3 30.50 \$1 49 44 44 3 30.50 \$1 49 44 44 3 30.50 \$1 49 44 44 3 30.50 \$1 49 44 44 3 30.50 \$1 45 44 44 3 30.50 \$1 45 44 44 3 30.50 \$1 45 44 44 3 30.50 \$1 45 44 44 3 30.50 \$1 45 44 44 3 30.50 \$1 45 48 47	Moved to Dock Ohorth 1 30.40 \$245 44 B.w nene 10 1 30.41 \$1 44 43 10 1 30.42 \$50 45 44 10 1 30.42 \$50 45 44 10 1 30.44 \$50 45 44 10 1 30.46 \$50 45 44 10 2 30.49 49 44 44 b. 10 2 30.51 49 44 43 10 3 30.52 \$51 49 44 43 10 3 30.52 \$51 49 46 10 3 30.53 \$54 49 46 10 3 30.53 \$54 49 46 10

Course and distance made good since preceding	g noon by observations,	knots.	tenths.
Latitude by D. R.		0	, ,,
Longitude by D. R.		0	, ,,
Position at Noon: Latitude by observations	of ⊙	. 0	, ,,
Longitude by chronomet	r from Forenoon Observations of ⊙	0	, ,,
(Latitude by		0	, ,,
Position at 8 A. M. Longitude by		0	, ,,
(Latitude by		0	, ,,
Position at 8 P. M. Latitude by Longitude by		0	, ,,
Current during the time, knots	tenths per hour, setting to the		
Deviation of the Compass by Azimuth ⊙ obs	rved at , ship's head	0	,
Deviation of the Compass by Azimuth ⊙ obs	rved at , "	0	, "
Water expended during the preceding 24 hour	5,	20	O gallons,
Water during the	preceding 24 hours,		"
Water remaining on hand fit for use at Noon,		, 180	00 "
Coal consumed during the preceding 24 hours		tons / (20 lbs.
Coal remaining on hand at Noon,		171 " 17	
		, ,	

P. M.				-					
1	Moved to Dock	Sorth	2	30.51	58 56	54	b.	none	10
2		1.16.	1	30.523	59 53	51	_		10
3			1	30.52	60 56	54			10
4			0-1	30.50	58 57	54			10
5		balm	0	30.52	59 50	48			10
6			0	30.56	58 46	46			10
7			0	30.56	58 46	46			10
8		~	0	30.57	51 46	45			10
9			0	30.58	45 45	44	19		10
10	,		0	30.60	43 43	42			10
11			0	30.614	13 43	42		,	10
Mid.			0	30.62	43 42	41	-	-	10
			0						

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 Q. M. Light aire from North blear and cook Frier banked under boler it. for heating ship aire from North blear and cook Frier banked under georbeach Quit. W.

From 4 to 8 a. M. Sight air to light breeze from A orth and A. N. E. blear and cool. Released J. Leary & P. from confidence of the box setured on brand 20 hours mortine Brice banked under boiler it for heating elight and the first transfer of The strengt & The strengt Lieutenant W. J. W.

From 8 O. M. to Merid. Sentle breeze from A. 46 to North. Bent topicale and courses; jet and land vie apanker. The following number of men at look on brand from Dept of Steam Engineering Navy Yard org2. Machiniste 3 Bortemakere! and 2 Helper Duried into store the following Equipment articles, org:1 trip pendant, 2 being woper, 2 atherent elip tackler, 8 regging lifty | jeel fall | provide trip allant
braketay, I trip hand hand pendant tail and | et harbor gallant Received from Equipment Dept barry

Yard I foreach, 1 trip each | trip allant each | word, | main triggallant each | word! | main topicall

etayard and mujor trip art taingul. Account from I seem tripgallant each | word! main topicall

stayard and mingro trip art taingul. Account from I seem trip allant each | word! 3 hatch taingulur

and 200 yards old caures! Baked five index both A for beating purpose about without leave

Or Beardon, Baman Desiperature of magazine 61° 60° forward, 60° 65° 2ft. (Herrell

Tientewant Q. S. O.

Com Merid. to 4 GM Clear Light and believe from N. & 5. and North, followed by calin 3
Britamakew and 2 to close at work in Fleam Engineering Dept from Day gred. Rekend from
Ql. I. P. Markhhad with by and hammore transfer pay acounte and clothing list I. O. Udame Flaman
Received the following stone in Flee Ceep Supering Dags from Day yard, or be paid brucker 13 the
sheet gum to 12 lb ears hi, 19 flee (seet) & back leave blade & Day (and box to complete in the grange)
heath granger should not be proposed to the complete of the seet of the complete of the seet 6 will grage glacer 5 in pluge 5 brav nipples, 6 bree elbre 13 brace corplings 10 brace tree towner, brace, check valve 10 glob valve (asch) 6 pump valve (gelo) and 250 gallow librating in . Dankad frie under briler it Ivanefund to General Genkeyer Navy Gad. 600 lb. aalt brief, Received in Ordinace Dopl. from General Florkuper, Nary Yand. 2 great gene targets, brands and earle), 26 blanket bags, 52 coal strape, 20 haverache and 4 cantiene. Thereell Lienteurs M. J. M.

Oum \$ J. M. to 8 J. M. bleav. balow. Plany Yand workmen in Fteam Engineering Dept. all left the ship in Banked frew under briles A. J. Lean & P. left the ship inthout premiseron. Commidwell Linio Vingely W. II left the ship on beauth of absence.

O'um 8 G.m. to Mid.

Clear Calm. Banked fire under boiler it.

Leitenant & DR J. B. Meillon, Decitement W. J. M. Navigator

Thursell Quela.

Examined and found to be correct.

LOG of the UNITED STATES Thip Essex Movred to Dock, Chang Yard, Norfolk, Cha.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.			Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Morored to Dock	balm	0			30.62	48	42	41		b.w.	nne	10	
2					,	0			30.62					"	,,	10	
3						0			30.62	44	40	39				10	
4						0			30.62	44	39	38				10	
5					"	0			30.62	47	38	38		f.	"	10	
6						0			30.62						1	10	
7					1.16.	1-2			30.64					6.5		10	
8					"	1-2			30.65	42	36	36				10	
9					North	1			30.67	47	39	38				10	
10						1			30.66	55	43	42		b.m.		10	-
11						1			30.63	58	47	46				10	
Noon.						1			30.59	59	50	49		-	-	10	

Course and distance	re made good since preceding noon by observations,	knots.		tenths.
	Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ②	0	,	"
	Longitude by chronometer from Forenoon Observations of ②	0	,	"
		0	,	"
Position at 8 A. M.	Longitude by	0	,	"
		0	,	"
Position at 8 P. M.	Longitude by	0	,	"
Current during the	e time, knots tenths per hour, setting to the			
Deviation of the C	compass by Azimuth O observed at , ship's head	0	,	
Deviation of the C	compass by Azimuth O observed at , "	0	,	"
Water expended de	uring the preceding 24 hours,	,	400	gallons.
Water	during the preceding 24 hours,			"
Water remaining of	on hand fit for use at Noon,	, ,	1400	4
Coal consumed dur	ring the preceding 24 hours,	tons	1200	lbs.
Coal remaining on	hand at Noon,	171"	580	
		1		

1 1								-	
P. M.									
1	Moored to Dock	1.16.	1	30.55 6	0 54	53	&	none	10
2		North	0-/	30.52 5	9 55	54			10
3		balm	0	30.52 6	9 55	54	b.c.	cir.eum	8
4			0	30.52 5	9 57	65			7
5			0	30.50 5	8 54	52			8
6			0	30.50 5	5 50	48	b.	none	10
7			0	30.49 5	4 49	47			10
8			0	30.50 5					10
9			0	30.50 5.	3 47	45			10
10			0	30.50 5	2 47	45		-	10
11			0	30.49 5	2 47	45			10
Mid.			0	30.49 5	2 44	45			10
					1	F10 8			

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midwight to 4 a. M. bleau Fronty balm Branked free under briler "4".

Gritenant Q. J. R.

From 4 to 8 a. M. .

Clean Frosty. Calm followed by light airs and breeze from 4. N. & Dence for greater part of time Banked frie under Cherry F. Leitenant Q. J. R.

Crow 8 a. M. to Merid.

9.30 inegated new at quarter James Lary (60,) and Pillam Reader (Sea) were about inthos leave James Leavy (b. P.) was brought on braid by the Master at Arms, rand placed in engli now for pate the pulg to arrange the property of the Innauding Officer The following Placy Yard workmen from Engine Dept. were at work on braid: 3 boles maker, and a helper Line J. B. Pilton and Energy Or I breman O. I Gray left the ship or General Could Martial det, in accordance into oder from the Page Dept Frie backed in boler A. Temperature of magazine 60° 65° fourant, 61° 60° aft.

WBWhitestrey Trentenant W. J. M.

Oreather clear and pleasant. Slight airs from N. N.E. and North, and calm. Barmite steady. Engaged in orchanding boys bago and clothing. The same thay faid workmen engaged in Engine room as intend in generous watch. Acceived in Contribution Dept. 50 feel desert ash, 50 the rad lead, a brass late, many gim, 10 gallow absolute 30 glass window lights; and in Equipment Dept: it regarded ash 50 the rad lead, a brass late, and in Equipment Dept. it regarded in the form of the stay mate. I git shart pendante, and I for topmast staysail sheet pendante. Fries builded in briter A.

WBWhitelery Sientenant On & ON.

From 4 to 8 P.M. Cheather clear and pleasant. Calm. Barometer steady. From banked in boiler it.

W.B.Whitelery Leutenant Q. J. M.

From 8 P. M. to Mid.

Obeather clear and pleasant balon B arometer steady O. M. Thaw Gep 3rd class left or writing party without permission and failed to return to this chip. Fire banked in boiler to

WiBWhivelery Twitenant V. S. ON

Examined and found to be correct.

J. B. Me Mon, Lieutenant & S. M. Navigator

LOG of the UNITED STATES Phip Essex Moored to Dock, Plany Yard, Norfolk, Va.

			Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	P	Hear Hebs.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				2 0	0 1						.,			0			
1				Moored to Dock	Calm	0			30.44					b.	nne	10	100
2					n	0			30.40	52	46	45		b.c.	cum.	8	
3						0			30.38	52	46	45			"	6	
4						0			30.36	52	46	45		,		4	
5					,	0			30.33	53	45	46				4	
					FW.	0-1			30.30	53	47	46			cir: cum	.4	
6					,	0-1			30.30					0.c.p.	aun nimb	.0	
						0-1			30.30	54	48	47		b.c.	civ. cum	6	
8					lalm	0			30.34			1			eum.	8	
					Stol.	0-1			30.34			,			cir	9	
10					0) (3)	,			30.33	/		1		b	none	10	
11					1											10	
Noon.						1			30.30	66	54	22			- "	.0	-

Course and distan	ce made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0	, "
	Latitude by D. R. Longitude by D. R. Latitude by observations of Θ	0	, ,,
Position at Noon:	Latitude by observations of O	0	, ,,
	Longitude by chronometer from Forenoon Observations of ②	0	, ,,
	(Latitude by	0	, ,,
Position at 8 A. M.	Longitude by	0	, "
	(Latitude by	0	, "
Position at 8 P. M.	Longitude by	0	, ,
Current during th	e time, knots tenths per hour, setting to the		
Deviation of the (Compass by Azimuth ⊙ observed at , ship's head	0	,
Deviation of the (Compass by Azimuth ⊙ observed at , "	0	, ,,
Water expended d	uring the preceding 24 hours,	20	o gallons.
Water	during the preceding 24 hours,		и
Water remaining	on hand fit for use at Noon,	120	00 "
Coal consumed du	ring the preceding 24 hours,	tons /	920 lbs.
Coal remaining on	hand at Noon,	170" 9	00 '
		, ,	

P. M.									
1	moved to Dock	North	2.3	30.29 6	8 60	56	6.	nne	10
2		,	2	30.29	0 58	58		"	10
3			2	30.29	11 62	59			10
4		N.NE.	2	30.29 7	0 63	59			10
5			2	30.32 6	4 58	56	-		10
6			2	30.36	1 54	53	b.c.	cum.	9
7			2	30.38 6	0 53	51		"	9
8			2	30.40 5	8 52	51			9
9			2	30.42 8	8 52	51	b.	more	10
10			2	30.42 5	8 52	51		,	10
11			1-5	30.44 5	6 49	48			10
Mid.			1-5	30 44 8	6 49	48			10
					1				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Oridnight to 4 a M.

Oreather clear clouding up toward and of watch balm.

Baronte falling Free banked in boiler it? E V. Hickok (act am welan) left his station as sustriment of the wells without bring regularly relieved.

Lieutenant O. S. R.

From 4 to 8 a. M. Oreather cloudy, with passing shown about y o'clock balow to light are from 404 Baronte felling. Firel banked in boiler it for heating ship.

WBWhiteley Sewtenant Q. J. W.

Find Oneway to 4 P. On.

Sentle to light breeze from A orth and A. A. E. Clear and pleasant. Sent the appropriate allow on library. Janus Obelch, yes, left the ship on ever (7) days leave. Banked fire in boiler A.

Similar of England On England.

Fight brey from N. N.E. blear and cool. Banked frie in boiler 4.

Gent Beach Que.

Bum 8 9.0m to Onid. Light aire to stiff brey from N. N.E. Bleav and cook Banked frie in briler "A".

Or Color Suituant On 5%

Examined and found to be correct.

J. B. Meillon, Luitenant Q. F. M. Navigator

LOG of the UNITED STATES Phip Essex Moned to Dock, Chary Yard, Phorfolk, Va.

		-	.,,	200 700 2070	1	1	,										
			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT		State of	Forms of	Clear oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moned to Dock	N. N. E.	3			30.45	-54	49	48		b.c.	cir.eum	8	
2				Cravas sa cerus		3.4			30.46					,	"	9	
3						3-5			30.48	51	47	46		b.g.	nne	10	
4					,	3-5			30.48	51	45	46		•		10	
5						3			30.50	49	45	44		в.	"	10	
6						3			30.52	48	44	43			"	10	
7					4	3			30.56	48	44	43		,		10	
8						3			30.58	45	42	40				10	
9					.,	3			30.61	47	+2	40				10	
10						3			30.61	46	42	40		,		10	1
11						2.5			30.61					,,		10	
Noon.						2			30.61						-	10	
245011.										, 1							
-	-	1				-	-	-	-	-	-	-	-			-	-

Course and distance made good	since preceding noon by ol	bservations,	knots.		tenths.
(Latitude by	D. R.		0	,	"
Longitude 1	by D. R.		0	,	"
Position at Noon: Latitude by	observations of O		0	,	"
Position at Noon: Latitude by Longitude I Longitude by	by chronometer from Fore	noon Observations of O	•	,	"
			0	,	"
Position at 8 A. M. Latitude by	by		0	,	"
(Latitude by			0	,	"
Position at 8 P. M. Latitude by	by		0	,	"
Current during the time,	knots tenths per l	nour, setting to the			
Deviation of the Compass by A:	zimuth O observed at	, ship's head	0	,	
Deviation of the Compass by A	zimuth O observed at	, "	0	,	"
Water expended during the pred	ceding 24 hours,		2	00	gallons.
Water	during the preceding 24	hours,			"
Water remaining on hand fit for	use at Noon,		11	000	"
Coal consumed during the prece	ding 24 hours,		tons	120	o lbs.
Coal remaining on hand at Noon	1,		tons	94	0 .
			.7	1	

								-	
P. M.							1		
1	Moored to Dock	N. N.E.	3	30.58 5	1 48	46	b.c.	cir. cum	8
2			3	30.56 5	0 47	45			8
£3.			3-4	30.56 51	49	47			7
4		-	3.2	30.57 40	7 50	48			8
5			2	30.59 48	1 45	43			8
6			1	30.59 40					8
7			1	30.59 49					7
8			1	30.60 4				cum.	6
9		104.	1	30.62 46					7
10 '			2	30.62 44					8
11			2	30.64 45					8
Mid.			1	30.64 44					6
						-			

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Gentle to stiff been from N. N. E. Squally last two house. blear tand cold. Banked frew in bater it

Gentlemant Ol. 9.00

From 4 to 8 a. M. Sectle been from A. N. E. Clear and cold. Bauled five in briler it.

Gen Rose C. Suituan & S. N.

From 8 a. On. to Onerid.

Clear and cool. Sentle to light brew from N. N. E. Baroneter steady 219.30
mustered at quarters and had Divisional impection. The following abantus were reported, F. E. Kudwer
Dick, Orm Readon Sea., a. A. Haw app 3cl., Allowed church parties to go asker. Baulad free under
briler A. E. S. Young app sclass returned 4/2 hour notions. Commander Love Hugeley, returned from
lean Demperature of magazine 60° 60° forward, 61° 60° aft.

T. S. P. Em an
Ensign W. S. M.

Own Readon, I a 4 P.M. Bleav and cold. Moderate to light breeze from N. N.E. Baronete variable at 3.45 Ohm Readon, Fra was brought on braid by police authorities and on from 1 5.75 was paid The following appreciately were allowed to drays leave much their accounts were transferred to the U.S. N. S. Dennih E. Kammet. E. M. P. Dennih E. Kammet. E. M. P. Dennih E. Kammet. E. M. P. Dennih E. Kammet. E. M. R. S. Dennih B. Kammet. E. M. R. S. Dennih B. Kammet. Allowed likety party to go selve. Church partie estimated to the chip. At 3.45 held Dinner Severe on broth deck under chings of people from show. Backed free weeks briter it.

From show. Bankak gues muser war v.

One of En an
Energy W. S. M.

One 4 to 8 G. Mr.

Clear and cool. Light aire to light breeze from A NE. Bankad frie under
later If

N. J. Col Eman

Meder A.

N. Maleman
Eneign W. & M.

Frank & P. M. to Mid. Cool. Sight air to light breeze from N. O. Baronite riving. Banked five under bother "A".

W Nodeman Eneign Qu 9.00.

Examined and found to be correct.

J. B. Me illon, Lieutewant Ol Son Navigator

LOG of the UNITED STATES Thip ESSLX Third Rate,
Onoored to Dock, Chary Yard, Chorfolk, Va.

					1	1				2	,				11476		
			Reading		WIND.	V			BAROME	TER.	TEMI	PERAT	URE.	State of	Forms of	Clear oths.	e Sea.
Hour.	Knots.	Tenths.	of	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Diese	NE.	2-6			30.62	46	43	42		0.0.	cum aimb	0	
2						2-4			30.61	46	43	40		b.c.		2	
3						1-4			30.61	45	42	40			cir: cum	8	
4						1			30.61	45	42	40			.,	8	
5					-	1			30.61							8	
6						1			30.60							8	
7						1			30.60						-	7	-
8					1.16.	1			30.60						1	6	
9						1			30,60	48	43	42			cum stral	5	
10		1			East	2			30 60	48	45	44	1	-	cir. cum.	6	
11					"	2			30. 58	48	47	46		.,	cum.	5	
Noon.						2			30.58	49	47	46				5	
	-		-						-		-		1				1

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ⊙	0	,	"
	Longitude by chronometer from Forenoon Observations of ②	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	. 0	,	"
		0	,	"
Position at 8 P. M.	Latitude by Longitude by	. 0	,	"
Current during the				
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	
	ompass by Azimuth O observed at , "		,	"
Water expended di	aring the preceding 24 hours,	30	0	gallons.
Water	during the preceding 24 hours,			"
Water remaining of	n hand fit for use at Noon,	. 70	0	"
	ing the preceding 24 hours,	tons !	260	1bs.
Coal remaining on		160 "	901	
		109	100	

P. M.					1				
1	moored to Dock	1. by 6.	2	30.53 4	8 47	46	00.	cum unil	0
2			2	30.49 4	1 46	46		7.	0
3			2	30.47 5	47	46	,		0
4			1	30.45 5					0
5			0-1	30.40 5	47	46	-		0
6			0-1	30.38 5	46	45			0
7		A. 194.	0-/	30.36 5.	46	45			0
8		Calm	0	30.36 5.	46	45			0
9			0	30.35 52	46	46			0
10			0	30.35 5	46	45		1	0
11			0	30.35 5	46	45			0
Mid.		-	0	30.33 50	45	45			0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Colondy at first cleaning during last home Barometer steady Dreek bury in equally at first, decreasing to light airs from NE. Branket fire in biler 4. n / Colema

Gusign Q. F. W.

Prom 4 to 8 a. 9N.

Partly clowdy and cool. Sight air from NE. Barometer falling at 6.48 commenced craling alip having alasted off epin alims and allowed ship to come into dock. Banked free under baler 4. n I Colsonan Ensign U. J. W.

From 8 a. On. to Merid.

Clear Light and and Breezes from N. N.E. and East. Finished taking in remainder of coal on dock. Banked five under briev it Rom off new gige and with butter falls. Exted flow cooks and found them in good working order Temperature of magazines 61° 60° forward, 60° 59° aft. Absent working the Carry a D. Than app. 3 date

Finterell Sinterent a for

Oum Meind. to 4 P.M. Overcaet and cloudy. Fight air and buzze from & by & By order of Commanding Officer placed James Larry BP, 3 days in double view for learning the life interest from Oranefund to the D. F. P. Otlasta F. S. Kuduck viler. Banked from Just briter F. Received from U. F. P. Markheland, Richard Franke, with bag banusch accounts and necessary transfer papers. P. D. Jungum & B. D. Stt. & S. P. Eff the ship on 50 hours leave of absence.

Herell Leitenant Q. S.M.

From 4 to 8 P.M. Orneast and cloudy balow Decaseronal light are from 4. by 6. and A N. M. Ch. a. Onatthemen, app. 3th et, left the slip on ten days have of absence on experiment of which he is to report on board the W. F. R. F. Demont at Chew York. J. L. Elleworth, box. left the slip on fur days leave of absence. Banked free under birler "A"

Thereth. HPurell.

From 8 P.M. to Ohid. Orneast and cloudy. balon. Banked fries under boiler it.

Herrull Luitewant U.S.M.

Dieutenankle. S. M.

Examined and found to be correct.

J. B. Me illin, Secretural Ob J. M. Navigotor.

LOG of the UNITED STATES Thip Essex Moored to Dock Play Yard, Phorfolk Va.

Forms of Clouds, by symbols. Supply and the Clouds, by a control of Clouds, by a control of Clouds, control
cum aimil o
. 0
. 0
cum. 9
. 9
. 8
- 7
circum 8
8
8
THE RESIDENCE OF THE PARTY OF T
9

Course and distance made good since preceding noon by observations,	knots. tenths.	
Latitude by D. R.	0 1 11	
Longitude by D. R.	0 1 11	
Position at Noon: Latitude by observations of ⊙	0 1 11	
Longitude by chronometer from Forenoon Observa	rations of O o ' "	
(Latitude by	0 / "	
Position at 8 A. M. Latitude by Longitude by	0 / "	
(Latitude by	0 / "	
Position at 8 P. M. { Latitude by Longitude by	0 , "	
Current during the time, knots tenths per hour, setting	to the	
Deviation of the Compass by Azimuth ⊙ observed at , ship's	s head o /	
Deviation of the Compass by Azimuth ⊙ observed at , "	0 / "	
Water expended during the preceding 24 hours,	200 gallons	
Water during the preceding 24 hours,	. "	
Water remaining on hand fit for use at Noon,	500 "	
Coal consumed during the preceding 24 hours,	tons /360 lbs.	
Coal remaining on hand at Noon,	168" 1860 .	

					-		-	_	
P. M.									
1	Moored to Duck	01.90%.	2-3	30.12 6	5 63	58	be.	cum stul	9
2		. ,	3	30.12 6	67 67	66	-	etral.	8
3			3	30.12 6	7 67	66		cum dial.	9
4			3	30.16 6	5-63	60		cum.	8
5		balm	0	30,20 6	61 63	60	0.0.		0
6		North	4	30.246	61 56	59	00.9.		0
7			2-3	30.31 3	59 52	51		cum mint	0
8		1.118.	4.5	30.33 \$	58 50	49			0
9		"	6-4	30.36 8	57 49	48	0.00	"	0
10		,,	6-4	30.40 8	56 48	47	-	"	0
11			6	30.40 5	54 48	47	0. c.		0
Mid.			6	30.42 8	53 47	46			0
	一位								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a m. Onwast and cloudy. Calm followed by light air from I'll Banked frie under botter 4. Lieutenant On S. Or.

From 4 to 8 a. On. Sight to gentle breye from SQL and S. SQL Banked five under biler it.

Gientenant Ch. F. Ch.

From 8 a. M. to Okeid.

Okeather clear and pleasant Light to gutle breeze from F. 901. Baroniter falling. Oh " heardow (Sea) was placed in double word for eafe keeping, bring druck and disorderly on brank ship a . I Shaw appace and J. Stocked Switch were about without learn. Drie banked in boler A. Demperature of magazine 61° 60! forward, 60° 59°, aft.

W. S. Whitelery Lieutenant & S. R.

Cheather clear and pleasant, with light to guthe burge from ON FON Banonter steady. Inter banked in boiler 4. J. S. Gordon Die 201) returned 8 hours statione From Merid to 4 9.9M

W.B.Whitelory Lientenant W. S. W.

From 4 to 8 C.M. :
ON eather closely with passing rain equall about 70 clock Light to stiff brey in equally from North to N. N.E. Barbutu neing Price banked in both it for healing ship. W.B.Whiteley Lieutenant ON & M.

Firm 8 P. M. to Mid Obeather orweash and closely Obodevate to fresh buy from A N. E. Baroneter rising Frie banked in Boiler A. W. Williams

WBWhitelessy Lieutewant O. J. D.

Examined and found to be correct.

J. B. Million, Decitional Ru FR Navigator.

LOG of the UNITED STATES Phip Essex Third Rate,
Moored to Dock Navy Yard Norfolk Va

			Reading		WIND.				BAROME	TER.	TEMP	ERAT	URE.	State of	Forms of	Clear oths.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.
M.				m 0/												
1				Moored to Dock	1.16.	5.			30.44	53	47	45		0.0.	cum min	-0
2					te	5			30.46	52	46	44		0.c.d.		0
3						5			3a48	50	44	44				0
						5-			30.48	50	44	43			-	0
5						5-2			30.48						-	0
						5.2			30.48							0
6					. NE.	6			30.54	52	44	43		0. v.d.q.	,	0
7						5			30.58	52	44	43		,		0
8						6			30.54	44	40	39				0
9						5-4			30.50			1		0.0. 7.9		0
0						5			30.48					0 -	1	0
1					"					/					1	
oon.						5			30.42	50	42	41				0

Course and distance made good since preceding noon by observations,	knots.	tenths.
Latitude by D. R.	•	, "
Longitude by D. R.	0	, "
Position at Noon: Latitude by observations of ②	•	, "
Longitude by chronometer from Forenoon Observations	of O O	, ,
(Latitude by	0	, "
Position at 8 A. M. Longitude by	•	, "
(Latitude by	0	, "
Position at 8 P. M. Latitude by Longitude by	•	, ,
Current during the time, knots tenths per hour, setting to the		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0	,
Deviation of the Compass by Azimuth O observed at , "	0	, "
Water expended during the preceding 24 hours,	10	() gallons.
Water received during the preceding 24 hours,	230	
Water remaining on hand fit for use at Noon,		
Coal consumed during the preceding 24 hours,	270 tons 9	60 lbs.
Coal remaining on hand at Noon,	168 " 9	00 '
	, , ,	

P. M.	*								
1	Moned to Dock	6.16.	5	30.35 52	, 44	44	o.d.g.g.	nimb.	0
2		,	5	30.33 52	44	44		1.	0
3		16.	5-	30.29 51					0
4		4	4-5	30.26 51	45	45			0
5 .			3	30.20 50	46	46	0.0.d		0
6		6.16	1-4	30.12 52	,	1	0. c. d. gr.		0
7			2-4	30.07 54			-		0
8		-0.0	2-4	30.00 54					0
9		\$6.	1	29.92 58	50	50	-		0
10			0.5	29.8959					0
, 11		-	0.5	29.81 61					0
Mid.			1-5	29.77 61	22	54		•	0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a ON Oreather orreast and cloudy Stiff been from A & 6, followed by light vain equally Baroneter viewing Dries banked in boiler A for heating ship.

WHILLIAM ON S. R.

From 4 to 8 a.M. Obeather microst and cloudy with displing naw Ftiff to light heis in squally low A. N. E. to N. E. Barontte vising. at 6.20 othered fire his main boline but however them immediately afterward an account of theraturing wrather Havieted anoke pipe and covered light youth Received 2000 gallow field water Frew banked in bolin A.

Linterant On In

Overcash Baronter rising Fight to fresh bury from No. At 9 30 mintered at quarters and the fellowing absurters were reported. Everyaw Jan. belef. about our team; Thaw a 9/2 withing leave Received on brook interest in Deep of Frank Engineering Continuous and Repair and Equipment, as follows: 1 lt. Burné Issuia in vil 50 lts Jum abellac 2 lts. Unimerice 3 octo few saus 2 18 Michin Fach Fort & 7, 10 lts Jum but Mails 2 lts. O Us. I m Cat Naids 5, 125 lts. Campblack in or few 55 gets. Raw Linds or of 3 lts. Burné Ambie in vil 35 gets. Raw Linds or of 3 lts. Burné America in vil 35 gets. Raw Linds or of 3 lts. Burné America in vil 35 gets. Burné of Burné of Burné of Burné of Burné of Saus Francis of Saus Francis of Saus Francis of Saus Saus of 4 2 Francis of Saus Saus of Saus of 4 2 Francis of Saus o

n. J. Coseman.

From Oreids to 4 P.M. Stiff to moderate breeze blowing in squally from E. N.E. and N.E. Overest and gloomy, with continuous druggling rain Drie blacked under boler it for heating ship

Gent Ceaux Distribut Qu. S. M.

From 4 to 6 9M.
Onroad and cloudy Light displing rain Sentle breef from No. Moderating to light air with occasional moderate equally from 6. No Boldked fire under boiler A.

Limite and U.S.

From 6 to 89 m.
On eather one coast and cloudy with light exity of displing name Light to mederate brey in puffs from 6 NE Basemeter falling rapidly Dies banked in briles 14

J. B. Mo ilton, & Eusqu'M. I'M Leuitmant M. J. M. Navigator.

LOG of the United States Ship Essex Phird Rate, Moored to Dock Navy Yard, Norfolk, Va.

			Reading		WIND.				BAROMETER.		t. TEMPERATURE			State of	Forms of	Clear Jths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock.	J.\$6.	3-5			29.67	61	57	57		0.e.d.g	ninet.	0	
2					South	3-5			29.63					0.c.n.g.		0	
3					901.	4-6			29.62						,,	0	
4						4-6			29.63	59	54	54				0	
5					Q. Fet.	3-7			29.66	54	48	47		b.c.g.	cummini	1	
6						3.7			29.72	48	44	43		0.0.9.	nint.	0	
7					Oh . by 9.	3-7			29.81	42	40	38		b.cg.	cum.	1	
8						3-7			29.90	40	38	36				2	
9					Obest	4			29.96	40	37	36				3	
10						4			29.98	42	39	37		-		5	
11						4			29.98	49	40	39				6	
Noon.					Q1. NO1.	5-2			30.00	49	40	39				4	
-										1		1					

Course and distance	e made good since preceding noon by observations,	k	nots.	tenths.
	(Latitude by D. R.		0 '	"
	Longitude by D. R.		0 ,	"
Position at Noon:	Latitude by observations of ©		0 ,	"
	Longitude by chronometer from Forenoon Observations of ②		0 ,	"
	(Latitude by		0 ,	. #
Position at 8 A. M.	Longitude by		0 '	"
	(Latitude by			"
Position at 8 P. M.	Longitude by		0 ,	"
Current during the	e time, knots tenths per hour, setting to the			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head		0 1	
Deviation of the C	Compass by Azimuth O observed at . , "		0 '	"
Water expended de	aring the preceding 24 hours,		300	gallons.
Water	during the preceding 24 hours,	,		"
Water remaining of	on hand fit for use at Noon,		240	0 "
Coal consumed dur	ring the preceding 24 hours,	2	tons	_ 1bs.
Coal remaining on	hand at Noon,	166	" 900	
			1	

	Making passage from Norfolk, Va to Orew York															
1	Р. М.				10	10				1						
	1				Monrd to Dock	Oh. N. Oh.	5		30.05	50	44 42		b.c.q.	cum.	6	
	2					"	4.2		30.08	52	49 40				6	
	3				0	NOt.	4				47 44				4	
	4 5	6			Getting underway		4-5-				47 44				7	9
		7	0		lizabith River	Sorth	4.5				41 39			cir.cum		
		7	5		6.865/16		4				4139		b.c.		8	
	8			5.5	"	*	4				39 37		*		9	-
	9		79	10.2	NG. ly 6 146.		4				38 36		*:			
	10	6	0	24.1	N. N. 6 /26.	,	4				37 35 34		*	cum.	9	
	11 Mid.			30.7	"		4				35 34					
				1												

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. South to freek burn blowing in equally from 9.96. first how, afterwards varing to 99 with baroneth viewing last how. Oncoast, with continuous vain. Sure banked with bother it, for heating ship.

bendy. Oncoast second how. Gentle busy from (A. S.M. and A by S. blaving wree fresh in equally. Suit down lightyards and but light fails. Dries bouland under brites A late observe strated from under briters b. and D.

Herrell Leutenant M. J. M.

From 8 a. On to much. Cheather cloudy Light to stiff breeze in aqually from Oh ret to Oh NO. Bacomiler rierig. Croseed light yards and brut the gear. At 9.40 mustred cur at quatry finding James Lugar (Orle) and a lib. Than (app 3cl) about without leave. James Lugar Car, was brought on braid by the Practic at army 26 hour continu. It up and but for top mad stayout and man tiyent Sent armings blow and account slip for ma Comparative of magazine 60°59° formad, 59° 59° aft

WBWhitelsry Lieutenant U. F. R. From Merid. to 4 9 m Partly cloudy and cool. Modurate to stiff been from Ch 18 th to N D. Barmeter rung. at 12.30 started engine on dock trial and etypes them at 1.30. Dook of chain facts and appear chose and secured Disposite haven Deaph of ally 16 feet 4th aff, 14 feet of forward at 3.45 got underway from dock and unded chip with and of trig and lines ashoo. At end of watch under steam in boles 4 6 and D, with trug unding ship.

N. A. C. C. C. C. C. N. J. Coleman

- Gusign W. J. M. From 4 to 6 P.M. Elizabeth River and is stiff breeze from NEA and North Fair and cort Standing down Elizabeth River and made conce for Thunkle Light Riving Ither is to and D. average straw 55 lbs. Currentense 40. By order of Commanding Officer March James Leavy & C. and 25th Charles (Sea) from confinement. george Sientenant ON. J. Dr.

Oum 6 to 8 4.90 Clear. Instead breeze from North. Passed Thinks Light close abraid port from at 6.40. Come & 96 56 (pe) standing met between the Caper of Virginia. At 80 clock Caper Charles Light borr, mag. I METE and Caper Charles and S. and Caper Charles and S. and S. and S.

From 8 P.M. to Orid.

Obeather fair with moderate breeze from North Baroneter riving At 8 25 took departure: Cogne From Mother fair with moderate breeze from North Baroneter riving 6. 25 took departure: Cogne From Manuel ON 18 4, Cogne Charles 4 hours he lightly cognetion of 5. 5, and est course the Lightly 6 for Jet all for and after any take flying jet At 9 10 a stranger passed Standing to the No. Lightly Cogne Charles Lightly about 2 points on port for At 9 30 changed concer to No 6 16 6 gratual by registering 14.2 miles. At 10. 20 by Charles Lightly was about distant 3 miles at 10. 40 changed concer to No 8 16 for fature by registering 2.40 miles Inote to Manuel Conservation 4.2 4.

Externined and found to be correct.

WELL Printed Lay

WBW hitteley

J. B. Me illan Suitesset & & M.

Secutement & & W. Navigator.

LOG of the UNITED STATES Ship Essex Third Rate, Making passage from Prorfolk Va. to View York.

			-	0 0							-(/	-					-
			Reading	COURSES STEERED	WIND.				BAROME			PERAT		State of	Forms of	Clear 10ths.	he Sea.
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M	56	3												0			
1	5	7	36.4	1.16.126	Sorth	5	0	0	30.40	33	34	32	45	b.e.	cum.	8	3
2	5	6	42.0		,	5.2	0	0	30.42	32	32	30	45			6	
3	6	1	48.1		,,	4-6	0	0	30.43	3/	31	30	45		,	7	.,
4	5	8	53.9	,,		5	0	0	30.42	31	30	29	45			8	,
5	6	6	60.5		,	5	4	0	30.44	29	28	27	45	"	"	7	
6	6	2	66.7		,,	5	4	0	30.46	28	27	26	46			y	
7	6	5	73.2		,,	5	4	0	30.48	27	26	25	46			8	
8	2 2	4 ,	174.6	NE by N.		5	4	0	30.48	28	27	26	46			8	-
9	3	0 0	81.5 85.5	N 6 6 /2 6.	Is by Oh.	5	4	0	30.49	28	27	26	46			8	6
10	6	2	91.7			4	4	0	30.48	27	27	26	46			7	
11	6	1	97.8		',	4	4	0	30.46		28	27	46			6	
Noon	-	0	3.8		1.	5	4	0	30.43	28	28	27	45			3	
1,001	. 6	0										1					
					-		700000		THE RESERVE AND ADDRESS OF THE PERSON NAMED IN								

129. 4 Dist	auce run by Patent Log.	
0 12-1-1		knots. tenths.
1.50 PM	Catitude by D-R. brazing and distance of Paninch Id. Lightship Longitude by D-R. Latitude by Observations of O	38°25' N. " 74°45' W. "
Position at Neen	Latitude by observations of ©	0 1 "
	Longitude by chronometer from Forenoon Observations of ②	0 / "
8.3 6 Position at 8 A. M	1. Latitude by braing and distance fine Hutherlaite Lightship	37 ° 57 ' N. " 75 ° 04 ' N. "
Position at 8 P. M		0 1 11
Current during t	he time, knots tenths per hour, setting to the	
Deviation of the	Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the	Compass by Azimuth ⊙ observed at , "	0 ' "
Water expended	during the preceding 24 hours,	400 gallons.
Water	during the preceding 24 hours,	"
Water remaining	on hand fit for use at Noon,	, 2000 "
Coal consumed d	uring the preceding 24 hours,	9 tons 1440 lbs.
Coal remaining of	n hand at Noon,	156 " 1700 "

i		14			n1-		-										-	
	P. M.																	
	1	6	6	10.4	1.16/26	1.194.	5	5	0	30.41	28	27	26	45	be.	cum	4	9.
	2	50	4	16.4	N.NE146		4			30.38						4	3	
					"		4-6			30.36						,	3	
	4 5	4	1	25.8			4-6			30.34							3	
	5	4	2	30.0			5.4			30.36							2	
				33.8	,			5		30.36	/						0	
				37.4		N la 24.	6			30.40							3	R.
				39.2	A by 6/2 6.	A by 24.	7			30.40							4	
				41.4		1.10.	4-6								b.o.gr.		2	
				43.0			4:7			30.40							1	
	11			44.0			4.7			30.40						,	3	
	Mid.			45.2			5.8			30.39					-	,	2	
										/								

Gen Roeally

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m. Steam under boles A. C. and D. Fighted ou steamer heading to Northward and Eastward.

Acronage steam 55 lb. Revolutions 41. ny Colema

Finn 4 to 8 a. M.

Stiff breeze from North Pair and cold Fronth sea. at 5. 40 eighted accategue Light brawing shift breeze from North Pair and cold Fronth sea. at 5. 40 eighted accategue Light brawing shift of 74. distract que Sometie at 7. 33 eighted Chiefe Short Clightship, brawing shift and the changed course to NE lys. petent log 746; at 7.33 to shift. petent log 76 1. at 8.00 the dightship bra b. 1/2 E. Ferrell vesselv in eight, arrange steam 55 lb. Perrelutions 40 5. and a steam alme, using briten

From 8 a. M. to Merid. Leitewart (U. S. M. Concer to N by E 12 & (p.c.) round at 8.30 Christin Quadri I had sightly bring alram about I mile dictant content to who had a 8.30 Christin Quadri I had sightly bring alram about I mile dictant content was changed to N & 12 & (p.c.) at 8.50 ent down light years. At 9.10 est jet for topmach staypail, main trypaal and apparker. At 10.30 took in all for and all and 219.30 mustad at question (A. D. Than application about withink leave Terrial earl in eight during the water. I training, using boilers A 6. and D. Orwage eteam pressure 55 lb. Revolution 41.4

Lieutewant U. S. O. Oum Meind to 4 J.M Preather fair Moderate to fresh barge from N. M. Baionete falling at 1.0 clase sighted Denino I slaw Flore Capitalip braving to N. M. H. M. mag) at 1.50 the Lightchip with about about a changed come to N. M. & (p.c.) patent loof registering 15.8. Moderate rea Tras and wind increasing Jerial schrows in right. They under stam alow. abung stam pressure 55 lbs. Sumber resolution 464.

WBWhilelery Luitewart U. J. 9. From 4 to 6 P.m Clear and cold. Fresh breen from N by W. Baronter steady. On concer N. NE 146, with steam under bottom 4. b. and D. arrage steam of the arrage revolutions 38.5

N I Coleman From 6 to 8 P.M. Fresh to very fish breeze from N by & Cold, clondy and draw Rough sea at 700 by other for Commanding Officer changed concer to St y 6 126, per Francauch al 800 Fin Fathon Sightly for All for Standard about 8 miles Bent for storm stagnal and storm mugger Ander stram alone using bother 4. 6 and D average stram with Mentation 37.4 Revolutions 37.4.

Geo R. Crank Qu & M. Onm 8 P.On. to Onid Clevely Moderate to etiff breeze from N. N. B. blowing fresh to moderate gale in aqualle bonce of 16.6 (pc) Stagning sung breeze A. B. and D. Orderate are from N. N. B. anght of Dio Father Bank Sightable about 11 Com. (having 01 of 01 fc) (he along attention of 18 of 02) (he are greater for the Committee and found to be correct.) Hurell Sientemant & & M.

J. B. Meilton, Liniterant M. S. Navigator.

LOG of the UNITED STATES Thip Essex Thurd Rate,
Making passage from Norfolk, Va. to Onew York.

	-	11	u	wing	pusinge	from 1007	000	,	,	10	7		1	jour				
				Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	Forms of	Clear 10ths.	e Sea.
Hour.		Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clonds, by symbols.	Prop. of Sky, in 10	State of the Se
A. :	М.	43	96	46.8	1.46.	1.101	6-8	5	0	30.42	24	24	23	45	b.c.g.	cum.	.3	91
	2	2	6	48.9	01.006.	"	6-8	5		30.41				45		"	5	10.
1	3	2	0	50.9			6-8	5		30.42		22					7	
4		2	1	53.0	"	"	9	5	0	30.40	28	22	21	44		-	8	æ
	5	2	7	55.9	11	NA.	7-8	5	0	30.40	28	22	21	43			7	On.
	6	3	1	59.0	" .		7-8	5	0	30.40				43	"	-	8	"
	7	ő	3	61.3	N.N. 04	-1	7-8	5		30.43				1		-	8	"
1 8	3	0	6	61.9	N. N. O.		7-8		O	30.46	24	20	19	42	•	-	8	-
1	9	0	3	62.2		A. N. O.	8	5	0	30.48	22	20	19	44			8	æ
10	0	1	1	63.3			8	5	0	30.48	24	20	19	43			8	
11	1	1	2	64.5		101.	8	5-	. 0	30.48	24	20	19	43	,,	-	8	
Noo	on.	3	1	67.6	-		8.7	5-	0	30.44	25	20	20	44			8	N
														1			180	

5.5 Distance ru	en by Patentlog.					
Course and distance	e made good since preceding noon by obser	rvations,	knots.		tenths.	
	Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of O		0	,	"	
	Longitude by chronometer from Forenoo	n Observations of ①	0	,	"	
	(Latitude by		0	,	"	
Position at 8 A. M.	Longitude by		0		"	
	(Latitude by		0	,	"	
Position at 8 P. M.	Longitude by		0	,	"	
Current during the	time, knots tenths per hou	r, setting to the				
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,		
Deviation of the C	ompass by Azimuth O observed at	, "	0	,	"	
Water expended du	iring the preceding 24 hours,		4	100	gallons,	
Water	during the preceding 24 ho	ours,			"	
Water remaining o	n hand fit for use at Noon,		, ,	601	. ".	
Coal consumed dur	ing the preceding 24 hours,		/o tons			
Coal remaining on	hand at Noon,		146" .	580		

P. M.																	
1	05	8	74.0	1. 1. 2. E	All by et.	5	Roll	0	30.41	31	23	22	44	b.c.	cum.	7	912
2	8	0	82.0		191	6			30.39							7	
3	8	4	90.4			6		0	30.40	33	24	24	44	"	.,	7	
4	7	7	98.1			6	25-15		30.40							6	-
5	6	0	104.1	J.NE.		6		0	30.44	25	22	21	44	b.c.g.		5	
6	6	0	10.1			6		0	30.46	25	22	21	44	.*		6	
7	6	6	17.7		п	4-8		0	30.49	25	23	22	44			8	
8	5	8	23.5	Nº /26.		4.8	15-10		30.48							8	-
9	8	0	31.5	4	"	6		6	30.48	24	23	22	43	b.c.		8	-
10	8	3	39.8	,	,	7			30.48							8	
11	8	26	48.0	**		6			30.48							4.	-
Mid.	2	4	56.0	1. ly et.		6		0	30.44	26	22	21	43			4	
				0													

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 Ch. M. Dreather fair. Presh brey to moderate gale in equelly mensioned to string gale from N. A. D. B. a worther steady. A 12 o'clock, changed concerts N. N. E. potent log registering 45.2 miles. A 1.30 eighted steamers white light, 2 faints on starband brow. Goodwate to employ sea. amage steam pressure 55 lbs. Number revolutions 35.

WBWhivelsey Sun & Mr. Oum 4 to 8 W. M Clear and cold . Moderate gale from N. M. Baroneter steady . Steaming with free under boiler A. E. and D., an course IN. M. a. 6.35 changed course from N. A. E. to N. M. arrage steam 55 lbs. Revolutions 36.8.

n.J. Coleman a. Moderate gale blowing from N. N. C. and N. Ch., slightly moderating last lines From 8 a. m. to Merid Dais and cold. Rough sea Ander steam alow neing boles A. 6 and D. Sighted a stame standing to Sta. and Ch. Ot end of watch got a something in 8/2 fathous water sandy bottom. arrange status 55 lbs. Revolutional emperature of magazine 58°58: found, 58°57: aft.

Gen Rocall Lieutenant Q. G. M. Oune Mein to 4 G.M bleav. Fiff to feel breeze from NM by th. and AN. At 12.15 changed come to N & 1/2 & (pc). Training using bolow A. b. and D. At 3. P. 9n. got a sounding in 11 fathers, good sand . Floran present 55 lb. Revolution 44.5. Herrell

Lieuteward W. S. Or Ob wather clear with field breeze from N. N. Barometer riving. at 40° clock changed concer to A. N. E. potent log registering 98.1. at 4.20 at the main tripact. at 50° clock took sounding in 9 fatheres water yellow each and broken shell at 60° took another sounding in same water and broken shelp at the state of the same water and broken this fetching to merderate sea from the N. V. awayer team present 55 lbs. Number revolutions 44.6

WBWhitelsey Obserther clean and cold. Fiff to fresh breyer from A. Ch. Barometer stendy. At y. or took sounding in 13 fatherns water, bottom yellow saws and black exects; and at 7.30 took another counting in 10 fathers water yellow aand and booken abell. Under steam in bolen A. C. and D. and main tupail. annage steam 55 lbs. Cherolutino 44.

n. S. boleman . Susign Ou. 8. M. Bran 8 9. M. to Mid Gran & Gran. Is April to ony fish breeze from NOV. Fair fiel half with haze around horizon, featly clowly last two house boregin, featly clowly last two house No G. few Handard. with 11.40 thus changed course to I by at 12.00 to NOV 6. At 11.15 eighted to ightened light from the trop brawing N. A. O. 30 of 18 fathome; 9.00, 10 fathome; 9.00, 10 fathome; 9.30, 13 fathome; 10.00, 16 fathome;

Examined and found to be correct.

J. B. Me illin, Se Navigator

LOG of the UNITED STATES

Thip Essex

9	la	kir	vg p	assage from	Merfolk, Cha	, to	o Mu	ewy	fork	ani	do	nov	nd	to Docs	Chew ?	Cy S	pao
			Reading		WIND.				BAROME	ETER.	TEME	PERAT	URE.	State of	Forms of	Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of C Sky, in 10	State of the
A. M	10	00	57.2	1 3/4 6. 24. by 4.	QL. A. Q.	5			30.42	28	24	24	43	b.c.	cum.	2	6
2	3	1	60.3	46.46.	ч	5			30.42	34	24	24	43	"	"	2	1.
3	F	3	65.6	Otest.		5			30.40	34	24	24	43		,,	1	
4	0	7	68.3	01:12 9.	Object	5			36.41	31	24	24	43		,	2	
5	~	1				5			30.42							7	9
	20	07	72.9	3+ 4.64.0/+ 64.		4			30.42				1			8	
6	1	9	77.5	Mrw york Harbor.	.,	4			30.44	,				,		.5	
7				tranding in to Pandy Horn		4			30.46						cer. cum	6	
8	00	auc	-0	()		3			30.45	1					,	7	
9				tanding up	•	2			30.44			1				8	
10				Twach Channel	F. Fee.										1	8	
11			Moor	rd to Dock	J. T.W.	2			30.42						,	,	100
Noon						2			30.42	35	32	32				6	
																1	

Distance	num by Patent Log				
Course and distance	e made good since preceding noon by observations,	knots.		tenths.	
	(Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of Θ	0	,	• "	
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"	
	(Latitude by	0	,	"	
Position at 8 A. M.	Longitude by	0	,	"	
	(Latitude by	0	,	"	
Position at 8 P. M.	Longitude by	0	,	"	
Current during the	time, knots tenths per hour, setting to the				
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	,		
Deviation of the Co	ompass by Azimuth ⊙ observed at , "	0	,	"	
Water expended du	ring the preceding 24 hours,			gallons.	
Water	during the preceding 24 hours,			"	
Water remaining or	n hand fit for use at Noon,			"	
Coal consumed duri	ing the preceding 24 hours,	tons		lbs.	
Coal remaining on	hand at Noon,	"			

P. M.									
1	Moored to Dock	6.16.	3	30.48 36	29	27	o.e.	cum.	0
2		-	3	30.48 36	29	27		5	0
3			3	30.4836	30	28		,	0
4			3	30.48 36	30	28	b.c.	cir eum	. 3
5		04.904.	3	30.38 36	29	27		1	3
6			2	30.39 37	29	zy	1	1	2
7			2	30.40 37	29	27		cum.	2
8			2	30.4139	29	28		'	1
9			1	30.4137	29	28	b.c.m.		6
10			1	30.41 34	29	28	1	9	6
11			1	30.4136	28	27		4.	6
Mid.			1-2	30. 42 36	28	27		-	6
					100				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Stiff breeze from Ch. N. B. and Otset at 12.10 closed down and changed concer to Ch. by N. B. 1.48 changed concer to N. E/4 & at 3.00 changed concer to Chel and at 3.15 to Ch. 1.8. at 2.00 explicit Dies Schand Eight night alead. Let convoluing any half how. I transage using birlew A. b. + D. amage steam present 55 lbs. Revolutions 30.

Purull Drum 4 to 8 a. m Lewtenant W. J. 9. Obeather fair with stiff to moderate been from Obeat. Baronetic riving Jorn somedings at 430 and 510/715 fethems respectively A 500 aighted & ighland Lighter from aloft 2 points on starband bow at 5.30 eighted Fandy Bort Lightehip and changed concer to 4.3 4 2/4 2/4 2/4 patent log 75 b at 5.45 naw off for a few mulities to pass steamer into a long tow a steamer passed standing in Burned a blue light for a jellot and at 6.30 stopped ship and took pelot on board. He auled in patent boy augusting 7.75, and started ahead under steam alone field the Captain and Mangetr on deck. at 7.30 passed Landy Hork Lightship at 81 clock were

abreal Dairing Oblitting Bury for Gedney but. arrage strang present 55th. Revolutione 41.5.

WBWhitelery Lieutewank W. J. W.

From 8 a. On. to Merid. Clear and cool. Gentle to light breeze from Chest to Ch. I Ch. Baronete fulling During field two hours of watch standing in to Crew York Harbor through Finally Channel stand and come of Pelot John J. adder with ateam under boles 4 & and D. Made 8.5 kurte by the chip with light head unid and emorth elaw tutte block made ships number (Panybork) and at 10 10 Perumber during the description of the street of the light head unid and enter the street of the light of the light of the street of the light of the street of the light of the street of the light of the street of th

Gusegn U. F. M. From Merid to 4 P. M. Clear and cold. Gentle breeze from E. N.E. Barometer eteady. at 12.20 'Commandant Banked frie under briler it alland librity sparty to go ashon. n I Gol Eman Eurign W. J. M.

Oum 4 to 8 9.9m. Clear and cold Gentle to high brey from 9. FO. Baronete variable Banked fires under Boiler A. NT Caleman Eurige W. S.M.

Drom 8 P. m. to mid. Clear and cold Light airs from ON. Il. Barometer steady. Banked frie under

n Tholeman Ensign W. S. O. Examined and found to be correct. J. B. Meiller Suignor Suituant & S. M. Navigator

LOG of the UNITED STATES Thip Essex Morred to Dock, Chavy Yard, Chew York.

			Reading		WIND.				BAROME			PERAT	URE.	State of	Forms of	Hear ths.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.
. M.				Moored to Dock	Q1. F91.	2			30.42	36	28	27		b.m.	none	7
2						1-6			30.42					,		6
3						1-6			30.44	35	28	26		.,	"	8
4	0.1	7				1-4			30.43	36	28	26		"	"	8
5					NOb.	3			30.43	35	28	27		b.c.m.	cum.	5
6					"	2			30.43	35	28	24		"	"	5
7						2			30,44	35	28	27		"	"	5
8						2			30.46	35	28	27				5
9					A. 101.	3			30.47	36	29	28		,	cis. cum	4
10						2-3			30.48	37	30	29				6
11						2-3			30.45			1			-	6
oon.						3			30.42	39	32	31				6

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 /	"
	Longitude by D. R.	0 '	"
Position at Noon:	Latitude by observations of ⊙	0 '	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
	(Latitude by	0 '	"
Position at 8 A. M.	Longitude by	0 ,	"
	(Latitude by	0 '	"
Position at 8 P. M.	Longitude by	0 ,	"
Current during the	time, knots tenths per hour, setting to the		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the C	ompass by Azimuth O observed at , "	0 ,	"
Water expended du	ring the preceding 24 hours,	300	gallons.
Water	during the preceding 24 hours,		"
Water remaining o	n hand fit for use at Noon,	1000	4
Coal consumed dur	ing the preceding 24 hours,	tons /20	o 1bs.
Coal remaining on	hand at Noon,	136 " 500	•

P. M.									
1	Moored to Dock	North	2	30.40 43	30	30	b.e	cir. eum	6
2	(7/04/04/ 25/04/)	194.	2	30.39 43	1	'		,	6
3		1.194.	2	30.40 42					6
4			2	30.40 41				-	6
5		North	2	30.40 40				eum.	8
6			2	30.41 40		100		cir.	9
7			2	30.4239				,	9
8			2	30.42 38			b.	none	10
9			3	30.42 36				1	10
10			3	30.42 36					10
11			3	30.4234			1		10
Mid.		-	3	30.42 34	29	28			10

List of apprentices Frankling to the Verment!

0		,					
9/-	Chame	Porte	Chame '	Rate	Mame	Rate .	Walnum W. A.M.
12-		-		-	methfuel C.a.	ansel.	w from w. Ja.
10	arlington G.a.	app. 2cl.	Fine G. R.	ggp.sa.	Paislor di L.	Man.	Nas
	Breunau M.a.		Trewen S. St.		Robition Ho.	1	Louman
	Britten D. M.	1.	Destand a. C.		Rowan J. S.	0	usign U. S. W.
0	Bellev G. E.		Officer a. 9.	"	Stewick. B. a.	1	
	Brown 2. W.		Willen F. C.	1 1	Leolivan g. g.	upod.	ev in boiler A.
	Barler 6.0.		Quenaria Ol.		Leeley G.	1	The state of .
	bullet & 3.		Druhu H.	"	Daffinder C.a.	1	/ Dleman
	Callahan a.		Burford &.		Taffrider R.a.		
(of Paris En		Blanchard 6.		Dester 6.9.	8	uugn U. G.W.
की.	Davis J. H.	"	Batte Q. C.		That D.		
	Gawaia y.		Sun 6. 9N.	"	Of illson b. a.		4 .1 0 100
	Dreingen It.	-	Bland a.L.	200 200	Yaufman 3. J.	1	to the QU. G. Q. J.
Or er	Grad D. G. H.		Church E.	" 2 el.		le	s. a. Dennie, C.P.
	Julick G. N.	"	Causer L.E.	"	52.00		
0 1	Hachtman a. C.	"	Dune 6.	1,		u	of 6 miniauding
Of:	Kriech H.		Exture D.S.	"		-	expired . Oranefund
to	Roardy J. J.		Fully W. G.	n n		1 3	J. L. Ellsworth
(for	Hardy J. D. Kufe J. Kenney J. a.		Feiguson 9.	"-1		1	de U.S. W was
0	Kenney J. a.	app.3d	Gaine D. J.	app3d.			
	Sindebugh a.g.	Upp. zel.	Gerbracht & J. Kent H. a.	app 3cl			Thew york ansured
into	Lindaud K. J.	"	Hauninde H.	· zel			ent without leave.
a 910	m: Geary Ot. J.	,	Hager W.	"		ei	ter from the 21ch
Pear	m: adle Dom					1	
6	m: dille O.M.		Jones J	"		1	each,
2	re: Chiff Ch. D.	4	Kelley 3. g.			-	· 10.00
3	Parkel Di D.	"		"		e	itenant U. F. M.
(um)	Ruser D. a.		Imquecker Ob. S.	"			
_	Roche W. D. Schaeffer D.	"	malin J. J.			1	ferred to the U. I
IR C	Stradbaum I &.		main a. I	apsol.		1	ferred to the U.S. ver appended list.
		1 1 .		J. T	har , Ilhamin	me f	er appended see.
One	a banked under borler "A"	for heat	ing slup.			,	
	-		/		Ceare	10	earl

From H to 8 P. M.

Sight breeze from North. Clear and cold Received from the D. & Q. & Wement with lags and hammer the and necessary transfer papers. Peter Deschuran (ceting blief Dr. Mr., and John V. Strackley, Lea. By order of Commanding Officer placed Peter Com, & M. M., in solitary confinement for the night, beginning the execution of sentence by Junmary Could Martial J. Selection La and Robert British his left the chip on leave, the former for their days and the latter for four (4) days. Orice brailed mades birds of for heating ship. Geor Clark,

From 8 P. M. to Mid. Sentle breeze from North. Clear and cold Fries banked under briler it for George Great De & On

Examined and tourist to the correct lives by bondi U.S.W.

Leatenant & M. Navigator

Lieutewant U. J. a.

Lecitenant U. S. M.

LOG of the UNITED STATES Ship Essex Moved to Dock, Chang Yard Chew York

			Danding		WIND.	0			BAROMI	ETER.	TEMI	PERAT	URE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock	N. ly 94.	3			30.40	33	28	27		f.c.	cum.	9	
2					,	3			30.41					,,	.,	9	
3					а	3			30.42							9	
4						3-6			30.42					b.c.g.	"	9	-
5					N. N. W.	4			30.41					b.	nne	9	
7						4			30.42						.,	10	
8					AU.	3		1	30.46	1					.,	10	
9						3			30.46						"	10	
10						3			30.44					1	"	10	
Noon.						4			30.41	1	1					10	
2.5011.																	

Course and distan	ce made good since preceding noon by observations,	knots.		tenths.	
	(Latitude by D. R.	۰	,	"	
	Longitude by D. R.	•	,	".	
Position at Noon:	Latitude by observations of ②	•	,	"	
	Longitude by chronometer from Forenoon Observations of ②	0	,	"	
	(Latitude by	0	,	"	
Position at 8 A. M.	Latitude by Congitude by	0	,	"	
	(Latitude by	0	,	"	
Position at 8 P. M.	Longitude by	0	,	"	
Current during th	e time, knots tenths per hour, setting to the				
Deviation of the	Compass by Azimuth ⊙ observed at , ship's head	0			
Deviation of the	Compass by Azimuth ⊙ observed at , "	0	,	"	
Water expended d	uring the preceding 24 hours,	30	0 1	gallons.	
Water	during the preceding 24 hours,			"	
Water remaining	on hand fit for use at Noon,	, 70	00	"	
Coal consumed du	ring the preceding 24 hours,	/ , tons /	440	lbs.	
Coal remaining on	hand at Noon,	135" 13	00		

P. M.					T			1	
1	Moved to Dock	Q1.1.04.	3	30.34 40	36	34	b.	une	10
2		,,	3	30.33 40					10
3			3	30.34 39	34	31	6.	,	10
4		"	3	30.34 39	32	30		"	10
5			3-4	30.36 38	31	29			10
6			3-4	30.40 37	30	28			10
7			3	30. 42 37					10
8		,,	3	30.42 36	28	26			10
9			3	30.42 38	30	25			10
10			3	30.4636			"	"	10
11			3	30.48 33			.,	,	10
Mid.			3	30.44 32					10
				/					

Lewitenant U. F. M.

Lieutewant U. G. Q.

Midnight to 4 a.M. Clear and cold. Light to fresh breeze in equally from M. A.M. Barometer strady. Barbers from what briter it

From 4 to 8 a. On Partly cloudy and cold . Gentle bruge from N. V. Banked fire in briler it .

(Cartly cloudy and cold . Gentle bruge from N. Banked fire in briler it .

(Burga I. S. M.

From 8 a. m. to Merid.

Fight to quette breeze from N. N. P. Frair and cold. Transfered to the O. J. O. J. "Termost," with bags, bedunworks and receivery transfer papers. John Leary 60, and Ites a. Denie 60. Denne freed to earne ship. O. Rearden Lear, passinger from adants to Germont. By other of Emmanding Officer released from confinement. D. J. Hainer appeal. his term of confinement having eagured Dransfered to the O. S. Grand Besigned Brokeling, R. Y. for treatment, Benny Haller This both 12; J. S. Elleworth (Ba) returned from learn. Determ N. Y. for treatment, Benny Haller This both 12; J. S. Elleworth (Ba) returned from learn. Determ N. Y. to and 12.00 o'clerk the flag of Rea admiss medical rest of the work the grown of the Deep Read and the John the lattery on Orl Dock with 13 guns. The Term York americal with 11 guns. Duris banked under briter a for brailing purposes. A Receive Dick about without learn. Of the State and Deep 3 cl. having brew shown 10 days without learn was declared a deceta from the 21th Received in Cay Deep 1500.00 m. Burneary.

Firm Precid. to 4 PM.
Sight breze from North, ANN, and N. Fair and cold I ranefered to thell I.
R. F. Premiust with bage, hammake and necessary transfer papers, apprentice as few appended lieb.
Fire banked under birler it for heating ship.

Recommended

From 4 to 8 (In. Sight been from North. Clear and cold Received from the 96 & 8 & 9 emost, with large and hammerle and receivery transfer papers. Peter Deschward litting Chief Dr. Mr. rand John Y. Flackley, Lea By order of Commanding Officer placed Peter Rover, F. M. Mr. in colitary confinement for the night, beginning the execution of enterine by Tummary Court Martial J. Tellefew La and Robert Dinner, Law. Left the ship on leave, the former for their days and the latter for four or days.

Over tracked runder brides of for heating chip.

From 8 P. M. to Mid.

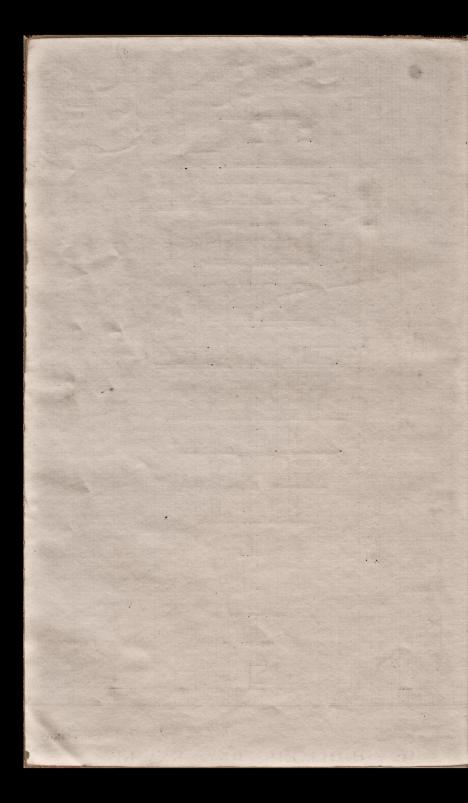
Sentle bregg from North. Clear and cold. Fries banked under bries 4 for beating ship.

Appropriate of Englishment & Engl

Reamined and touth to Hold correct Vices select Comedia W. F. M. S. M. S

J. B. Me Uten, Lieutenaul W. S. N. Navigator

4-005



RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

midwall to	4 Or M. Sentle breze from N by M. d. Truck banked under boiler it for		
	Gentle breeze from N h Ch.	increasing to still equally	last hour.
Clear and colo	& Freis Jauleed under boiler it lo	heating ship.	
		Quarko.	early
		5	heitenant Q. S. M.

From 4 to 8 a. 90.

Moderate to quitle breeze from N by B. to N B. Clear and cold Fries banked under biles it for heating ship Releveed P. Row I In mate from enforcement Electron I In mate from Enterent & I I N.

From 8 a. M. to Merid.

Clear Gentle to moderate been from A.M. Received on board in Department Gram Engineering gallow fresh water. Communidad S. Hungaley, M. F. W. left the ship on first days leave of about a. Receive a. Receive a. Percell Leave of about 1. Percell Leave of about 1. Leave of about

From Merid. to 40.90. Great Gentle breeze from ON N. Banked frien under bries it. Frencill Lieutenant On F. R.

From 4 to 8 P.M. Banked fries under brief from Ob N. Banked fries under brief F

Firstwart & & &

Dem & P. M. to Midnight. Bleav. Gentle breze from N. A. M. Backed frie under birder it.

Threell Lieutewant 91. 9.00

Examined and found to be correct.

J. B. Moilton, Lieutenaul & S. Navigator

LOG of the UNITED STATES This Essex Moored to Duck, Chavy Gard, Prew York.

					1 (- (/									
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock	Oh A Oh.	4			30.47	33	24	23		b.	none	-10	
2				474000000000000000000000000000000000000		4			30.48						",	10	
3						3			30.51							10	
4						3		-	30.51	31	23	22			"	10	
5						23			30.51						. "	10	
6						2			30.53							10	
7					,	1			30.54					"	"	10	
8						1			30.56					7		10	
9					"	/			30.57							10	
10					"	1			30.5	, ,		,		V.c.	cir. usso	8	
11						1		-	30.5							7	
Noon.					•	1			30,53	3 40	0 33	33)			7	
	-				The same of the sa		1	1	1	1	1	_	1	1			1

Course and distanc	e made good since preceding noon by observations,	knots.	t	enths.
	Latitude by D. R.	0	,	"
	Longitude by D. R. Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ②	0	,	"
	Longitude by chronometer from Forenoon Observations of ②	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	, -	"
	(Latitude by	0	,	"
Position at 8 P. M.	Longitude by	0	,	"
Current during the	time, knots tenths per hour, setting to the			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the C	ompass by Azimuth O observed at , "	0	,	"
Water expended du	aring the preceding 24 hours,	2	008	allons.
Water	during the preceding 24 hours,			"
Water remaining o	n hand fit for use at Noon,	50	00	"
Coal consumed dur	ing the preceding 24 hours,	tons /	440	lbs.
Coal remaining on	hand at Noon,	134 " 2	100	•

P. M.										
1	Moored to Dock	N. A OH.	2	30.49	42	36	34	b.c.	cir. cum	5
2		1.04.	2	30.50					-	6
3		Of est	3	30.50	41	35	33			6
4		901. by 04.	3	30.51	40	34	32		-	9
5		. 0	3	30.52	38	31	29			9
6			3	30.53	38	30	28			6
7			2	30.55	37	30	28			5
8		*	2	30.55	37	30	24		1	5
9			2	30.56	38	29	28		1.	8
10			2	30.56	37	28	27	b.c.m.	none	6
11			2	30.57	- /					6
Mid.			2	30.55				0.0.4.	muit.	0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Gean. Gentle to mederate breze from Ct. & M. Banked free under boiler it:

Structle

Lewitenant & S. M.

From 4 to 8 a. P. .. Light and to gutte been from Ol. A. Ch. Banker five under brile of

Flurell Scitewart W. I. M.

From 8 a. M. st. Cherind.

Of eather clear and cook, with light air from M. N. M. Baroneter falling. The M. S. S. G ortenmeth, strifted her beeth to what always of the Battle Ship Mann. Received in Parfarative Dept. 8 1800. Energy a. S. Suddle W. S. M. reported for duty on braid this ship as Chatch and Direction Officiar in accombance with the Separtments order of Sec. 7 1894. Grew sugaged in painting the bith dien and recorning off new year. Price banked in balant for heating ship. J. M. Pomm (Mach.) about from the ship without leave.

Sintenment & S. M.

From Merico. to 4 9.90.

Deather clear and cool with high to gentle lever from A. N. 24 to 9.04 by 4.

Baroneter steady. Engaged in painting buth deek and reving off new god. The banked in briter A, for heating ship.

W.B.Whitelbey. Einternah 4.90.

From 4 to 8 P.M.

94 earther fair and cold with gentle to light been from & O. by & Barneter strady a Merican Frie I class, returned on braid of how ordine Frie banked in boiler it Chebrel the stoud muzze.

W.B. Whitelery Secretary & Secretary & Secretary & Secretary & Secretary

Frank & 9n. to Orid Obeather fair, clouding our toward and of watch Light breeze from I to by I. Barometer steady. Frie banked in bother it, for heating ship.

WBWhitelesex
Leitenant & III

Examined and found to be correct.

J. B. Me illen, Deutenaul M. J. R. Navigator

LOG of the UNITED STATES Phip Essex Movred to Dock, Wary Yard, Quer York.

			Reading		WIND.				BAROMETE	ER.	TEMP	ERAT	URE.	State of	Forms of	Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	her.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moored to Dock	9 01. h. O1.	2			30.55 3	35	28	27		5.0.0.	nimb	0	
2					. 1	2			30.55 3	4	28	27				0	
3						1			30.55 3			,		b.c	1	8	
5						1			30.553	4	29	27		0.0.		0	
6					loalm	0			30.553					0.e.l		0	
8						0			30.57 3					0. e.f.		0	
9						0			30.58	'				o.fw.		0	-
10						0			30.56					0. g.s.	-	0	
Noon.						0			30.54	39	32	31			-	0	

Course and distance	re made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 ,	"
	Longitude by D. R.		"
Position at Noon:	Latitude by observations of O	0 /	"
	Longitude by chronometer from Forenoon Observations of ②	0, 1	"
	(Latitude by	0 '	"
Position at 8 A. M.	Longitude by	0 1	"
	(Latitude by	0 1	"
Position at 8 P. M.	Longitude by	0 1	"
Current during the	e time, knots tenths per hour, setting to the		
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the C	Compass by Azimuth ⊙ observed at , "	0 ,	"
Water expended di	uring the preceding 24 hours,	300	gallons.
Water receive	during the preceding 24 hours,	2800	"
Water remaining o	on hand fit for use at Noon,	3000	"
Coal consumed dur	ring the preceding 24 hours,	tons 14	40 lbs.
Coal remaining on	hand at Noon,	134 " 660	

P. M.									
1	Moored to Dock	Calm	0	30.50 4	10 38	32	0.f.w.	rumit	0
2		16. ly 6.	2	30.50	4134	33			0
3		. 1	2	30.49 4	41 33	32			0
4			2	30.49 4	40 33	32			0
5			2	30. 49 4	40 32	32	D.C.		0
6			2	30.48 4	10 32	32			0
7 .			2	30.48 4	40 32	32	b.c.	cir.	2
8		4	1	30.47 4	1132	32	.,		6
9		balm	0	30.44 4	11 33	33			6
10		"	0	30.43 4	1133	32	0.0		4
11			0	30.41 4	1132	32	,		5
Mid.		9.2.6,2.	1	30.40 4	4 33	32		1	7
		0							

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. ... Cheather wriers, leaving towards and of watch. Light breeze to light and from SOL by the Baroneter steady. Files backed in boles of for heating align. W.B.Whilelsey Lieutewant & & &

From 4 to 8 a. Ch. .
Chather oricast and foggy dight air from 8 lb. by 81 to calm Barometer rising Frie banked in boiler it. Received in Pay Tept bank lbs. of leef and bails lbs. of orgeteles.

WBWhitelsey. Lintensul Q. J. M.

From 8 a. m. to Merid.

Orward. balow. Falling barometer. brew engaged getting on braid atrees and record of new gear and painting on brook deer. Banked free under briler it been a 2500 gallow free water.

n West Eman Eneign Ou S.M.

From Preside to 4 P. M. Calm Overcast and cook Baroneter steady. Precind on brand from the O. F. R. G. Perman with bago hammens and neverney transfer pague, the following men: Pracula Hudenata (no title) Prichael Barrett (6 P.) Jelin M with (Eds.) Poter M. Geregh (6 P.) Phonas Paily (6 P.) Lorency J. C. (Ids.) John a. Green (Ids.) Pague (Ids.) Banked frie under boiler A. Oh 350 communed morning ship ahead and made feel again and hade feel again.

novolEman Greign Q. J. M.

From 4 to 8 P.M. Overcast with light arise from 4.6 by 6. Baronthe falling Banked fire under histor It

ND Cof Eman Eneign & &

n O Colema Eusign Q. J. M.

From 8 P. Mr. to Mid Cool. Calm to light air from & & By the Banked free under

Examined and found to be correct.

Scentenant & & M. Navigator.

LOG of the UNITED STATES Thip Essex Movred to Dock, Mary Yard, New York.

		Reading		WIND.				BAROME					State of	Forms of	Clear Oths.	he Sea
Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
			0 , 100	01 ,				/								
			moored to Dock										0.0.	nemb	0	
					2								,	"	0	
				PW.	3			30.36	40	33	33				0	
					3			30.35	89	33	32		0.e.m.	-	0	
				,	2			30.34	38	31	31		0. e.		0	
				,	3			30.33	38	31	31				0	
					3			30.34	37	31	31				0	
					3				,						0	
				Par 1. 94.	3				1							
				1	3								*			
									1							
					4				1				b.o.			
Knots		Tenths			Paient Log. Direction by Standard Compass. Direction by Standard Compass. O'Morould to Deck! O'H Let O'H. Get. Feb. Feb. Feb. J. Dy. Get. J. Dy. Dy. Get. J. Dy. Ge	Paient Log. Direction by Standard Compass. Direction by Stan	Paint Log. Direction by Standard Compass. Direction by Stand	Paint log. Direction by Standard Compass. Direction by Standard & Standard	Paient by Standard Compass. Direction by Standard Compass. Direction by Standard Compass. Direction by Standard Compass.	Paient by Standard Compass. Direction by Standard Compass. Direction by Standard Compass. Photograph of the Com	Paient Direction by Standard Compass. Direction by Standard	Pairet Log. by Standard Compass. Direction by Standard g g g g minches article g g g g g g g g g	Paint Log. Direction by Standard	Paint Direction by Standard Standard	Paint Direction by Standard	Morned to Drew Check 2 30.36 41 33 32 0 c. mint 0 (M. Gar. 2 30.86 41 33 33 0 Feb. 3 30.35 39 33 32 0.c.m. 0 3 30.35 39 31 31 0.c. 0 3 30.33 38 31 31 0 3 30.33 38 31 31 0 4 30.33 38 31 31 0 7 91.6, 91. 3 30.35 36 30 30 0 POLON 3 30.35 42 33 32 0.c. 0

knots.		tenths.
0	,	"
0	,	"
0	,	"
0	,	"
	,	"
•	,	"
0	. ,	"
0	,	"
0	,	
0	,	"
30	0	gallons
		"
27	00	4
tons /	44	o lbs.
	3 c	o , o , o , o , o , o , o ,

1 9 Morred to Deek J. W. 4-6 30.32 46 38 36 & morre 10 2 5-6 30.35 44 41 38 10 3 30.42 42 40 37 & e. cirrene 8 4 5 30.42 44 40 37 & e. cirrene 8 5 30.42 44 40 37 & e. cirrene 8 6 30.42 44 40 37 & e. cirrene 8 6 30.42 44 40 37 & e. cirrene 8 6 30.42 47 40 30 29 6 6 30.51 39 29 27 8 8 30.61 36 28 27 8 9 6 50.61 38 25 24 9 10 4-6 30.62 35 24 28 kg. more 10	P. M.									
3		Moored, to Dock	1.04.	4-6	30.32 46	38	36	b.	none	10
6 30.42 42 40 37	2			5.6	30.35 44	41	38		1.	10
5 . 6 30.47 40 30 29 6 30.57 39 29 27 8 30.56 36 29 27 8 30.67 36 28 27 9 6 30.67 36 28 27 9 6 30.67 38 25 24 9	3			5	30.38 42	40	37	b.c.	cir cum	8
6	4			6						7
5 30.6/36 29 27	5		,	TOTAL STATE OF THE STATE OF			/			6
8 - 5 30.6/36 28 27 - 9 6 30.6/38 25 24 - 9	6			6					,	100
9 6 30.6/38 25 24 9	7							,		
	8									1
10 4.6 30.62 35 24 23 bg. nee 10	9	,								/
	10							b.g.	none	
11 2.4 30.63 3.4 23 22 - 10	11							1	-	
Mid. 3-5+ 30.65 32 22 21 10	Mid.		,	3-5	30.65 32	22	41			10

Swittenant Q. S. M. Navigator.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From 4 to 8 a. On.

Ourvoad, cloudy and cool. Fight to gentle brey from II. Banked five under briles it for heating ship. Chaige Qu & ON From 8 a. M. to Merid. Cloudy and cold Light to gentle breeze from FM by W to N. W. Barometer variable The following absenter were reported, Mr. Olsho Bellate Let. 16. German Exc., from 8 a. Mr. Jan 4, 1896. about one learn and John Promes about inthut leave enice Jan 1, 8 CM. Finished reering off running gear. Bauked five under bother it. Received in Ordinauer Digh. 1, 4" right "44. M. J. Goleman Ensign Q. J. M. Crom Merid to + P.M From Mexico to 449M.

Onorderate to freely here from A. O. blean and cold Dicharged Jos New Junko.

Phands Room book from the stars Gener, by reason that his somere were no longer required and by order of Bureau of Changation No. 38528. Received from the D. F. N. P. Emmel with beag hammood and necessary transfely papers. Julius Rentermans, J. b. r.cl., The D. F. F. bastine arrund at the Yard at 12,00 Fries banked under boder it for heating ship. Leintenant Q. J. W. Dem 4 to 8 P.M...

Backy cloudy; cold . Onoderate to fresh ARh heye Barometer riving . allowed likety party to go ashow Barbard fries under briter it.

N Door Eman n Thoseman Eneign (U. J. OU. From 8 P. M. to Mid O wid variable in foce and blowing in equally from N.W. blear and weld. Owier banked under biler it for heating ship. Quan R. Create ant M. & M. Examined and found to be correct.

LOG of the UNITED STATES I hip Essex Moored to Dock, Navy Yard, New York.

						1			1	1			-			-	-
			Reading		WIND.				BAROME	TER.	TEME			State of	Forms of	Clean Oths.	ie Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Ommed to Dock	Ac 94	3-5			30.66	3/	2.1	2.0		b.g.	nne	10	
				41000 CO 2000	O0 0V .	3-5			30.68					o.g.	"	10	
3					"	3-5			30.69		20	19		,		10	
4					A. NOt.	3-5			30.69	30	20	19				10	
5						3-5			30.70	29	19	18				10	
6						3-4			30. 72	27	19	18				10	
7					"	3			30.75	28	19	18		b.		10	
8					South.	3			30.76	26	19	18				10	
9					4	3			30.78	29	20	19				10	
10						3			30.80	29	21	20				10	
11						3			30.78	30	22	21		"		10	
Noon.						2			30.76	3/	28	27		b.c.	cir.cum	. 7	
									1							L	

Course and distance n	nade good since preceding noon by observations,	knots.	tenths.
lr	atitude by D. R.	0 /	"
L	Longitude by D. R.	0 /	"
Position at Noon:	atitude by observations of O	0 /	"
L	ongitude by chronometer from Forenoon Observations of @	0 '	"
(L	atitude by	0 /	"
Position at 8 A. M. $\begin{cases} L \\ L \end{cases}$	ongitude by	0 /	"
(L	atitude by	0 /	"
Position at 8 P. M. L	ongitude by	0 . ,	"
Current during the ti	me, knots tenths per hour, setting to the		
Deviation of the Com	npass by Azimuth ⊙ observed at , ship's head	0 '	
Deviation of the Com	npass by Azimuth ⊙ observed at , "	0 ,	"
Water expended duris	ng the preceding 24 hours,	200	gallons.
Water .	during the preceding 24 hours,		"
Water remaining on h	hand fit for use at Noon,	2500	"
Coal consumed during	g the preceding 24 hours,	tons / H 4	o lbs.
Coal remaining on ha	and at Noon,	133 " 20	

P. M.								
1	Moored to Dock	6. by N.	2	30.74 30	29 2	f.c.	cir. eum	6
2	(101100	7	2	30.72 31	1		1	5
3			2	30.73 30	26 2.	5-		4
4		9.96	2	30.72 30	25 21	4		4
5		balm	0	30.72 30	25 21	4 b.c.m.	cum strat.	1
6		96. ly6.	1	30.72 30	25 21			
7			1	30.72 28	24 23	0.c.m.	cum numb	0
8		G. NE.	1	30.72 29	24 2	8 b.c.m.	cum.	1
9			1	30.70 29			eum mint	0
10			1	30.68 29	24 23			0
11			0-1	30.66 30	2423	bom.		6
Mid.			0-1	30.65-31	25 21	1		6

Commander Touis Kingsley Paturday, January 5

, U. S. Navy, , 1895.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Didnight to + a.M. Clear and cold Gentle to stiff breeze from N. Barmeter riving. Barled frie under boiler A. HPmell

HPurell J. S. R. Lieutenant W. S. R.

From 4 to 8 a. M. Sawmeter rising Banked free in boiler it. See Barometer rising Banked free in boiler it. n Do of Eman

Ousign Ol. J. M.

Leutenant M. S. M.

Oum 8 a. On. to Merid

Sentle to light been from North Clear and cold Presence veen at 9.30. The following named new use about inthint sear: " Mr. Olew B. M. 2cl., J. & Tracker Star, 36 Gorman, love J. Feller B. M. 1 & S. Word, B. M. 1 .. Ot 9. 10, found that J. M. Parry acting back, who had been absent without leave had returned . Placed him in confusional on batch deck to await twil by Trumary Gen Rlacary

Oum meid. to 4 P.M. Time Mend. to 4 490.

Clean. Light been 6. by 4. and 5. \$ 5. Painted under the topgallant forcastle Drawland with being bannock and necessary transfer pages a. R. Brown B. A. sel and Michael Barrett 6.0, to the the \$1.00 Counch Cocentral fine that orien with brogo bannocks and necessary transfer papers Bernard battery 6.0. John Johnson Bea. Philliam E. Lukin Ein el, rand James G. O. hills Lea. Banked free under biler it. Parend on braid atore for bow mess. De Leitewart U.J. 9.

Fun + to 8 P. 90 Calm field how, light airs from \$5. by 5. and 5. V.E. during remainder of watch. blandy and cood. Fino banked under biler it for heating ship.

30. Finitement 96. Rollintenant U. J. R.

From 8 P. Dr. to Mid.

- Elean Light sine from E. N.E. with periode of calm last part. Banked
free under biler A. ... Hereil Switnant M. J. D.

Examined and found to be correct.

J. 13. Miller, Seiteuruh & S. R. Navigator.

Third Rate,

LOG of the UNITED STATES Thip Essea Moved to Dock, Chany Yard, Que York.

					0 0				V								
			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT		State of	Forms of	Clear Jths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Moved to Dock	East	0-1			30.37	27	26	26		0'.0.	wit.	0	
2					п	0-1			30.32					.,	cum runil	. 0	
3					п	0-/			30.29					"		0	
4						0-1			30.29	29	27	26		b.o.	cum.	3	
5					NG.	1			30.20					0.0.	mint.	0	
6					,	1			30.19	30	28	27		.,	1	0	
1					J.N.6.	2			30.16	34	30	29		0.00.	.,	0	
8					Calm.	0			30.18	38	34	34		.,	-1	0	
9					F. 901.	0-1			30.19	40	35	34		4.		0	
10					Porth	0-1			30.16	41	36	35		"	"	0	
11					"	1			30.14	42	34	36			7	0	
Noon						1-2			30.13							0	
						-							H				

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0 /-	"
	0 /	"
Position at Noon: Latitude by observations of ©	0 /	"
Longitude by chronometer from Forenoon Observations of ②	0 /	"
(Latitude by		"
Position at 8 A. M. Longitude by Longitude by	0 /	"
	0 ,	"
Position at 8 P. M. Longitude by	0 /	"
Current during the time, knots tenths per hour, setting to the		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Compass by Azimuth ⊙ observed at , "	0 /	"
Water expended during the preceding 24 hours,	200	gallons.
Water during the preceding 24 hours,		u
Water remaining on hand fit for use at Noon,	2300	"
Coal consumed during the preceding 24 hours,	tons / 44	
Coal remaining on hand at Noon,	132 " 82	.0 '
	0 /	-

. М.									
1	Moored to Docio	9.901	1-2	30.09	42 4	10 40	D.o.d.	umb.	0
2			1	30.10	42 4	0 40			0
3			1-2	80.10	42 4	0 40			0
4			1-2	30.11	44 4	1 41			0
5			1	30.12	45 4	1 41			0
6		"	1	30.16	45 4	141	0.0.N.		0
7			1	30.15	46 4	141			0
8			1	30.15	45- 4	0 40	0 cm		0
9		"	1	30.15	44 4	0 40			0
10			1	30.15	44 4	1 41			0
11		balm.	0	30.15	45 4	0 40		1	0
fid,		894.	1	30.15	45 4	1 41		,	0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. m. Deather overson and cloudy balow to light air from East. Barontle falling. Organ using Prescribe Barontle instead of award. Fine banked on balor of for heating chip.

WBWhitesley Sentenankle & &

GeoRlead W. S. M.

Dum & a. M. to Merid.

Ovicast and clody. Rain. Calou part of time, then light airs and breeze from S. F. G. and Pouts. About without leave On Olew Bak set, E. Formow Boa, J. Feldie, B. W. Vel, L. God. B. W. Vel, J. God. Bak set, E. Formow Boa, J. Feldie, B. W. Vel, L. God. Bak set, E. G. Kalen, Sea, returned on board 27 hours institute. Backed free under boles of

Burell Suntenant On 40.

WBWhitelery Scentenant 96.89.

Dem H to 8 G. M. Dewast and cloudy Drighing rain, followed by steady rain Sight aire from G. I. M. Orgy last how Banked five under biler it. Thereal Secretary De S. Or.

Dem 8 PM. to Mid.

"Reather access cludy and foggy. Light air few I. I. to calm. Barmeter steady. Drive backed in like I. On Olaw B. M. i.e., and B. Gorman Bro., estuand to the sleep 63 home victime. Commander Linio Kingely, W. I.M. returned from lean.

WHATHEREY, 2. 2.

WBWhittelsry Swittenaut & & . 3.00.

Examined and found to be correct.

J. B. Mo illow, Se Navigator.

LOG of the UNITED STATES Thip Essex Moored to Dock Plany Yard, Plew York.

			Reading		WIND.				BAROMI		TEME			State of	Forms of	Clear oths.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Balb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Morud to Dock	loalm.	0			36.13	46	42	42		0.0.m.w.	nink	0	
2				27,000 20 2000		0			30.13					"		0	
3					Inch	. 1			30.13	46	43	43				0	
4						1			30.12	48	44	44		b.c.		8	
5						1		-	30.10					b.c.m.		6	
6					balin.	0		-	30.10						-	2	
7						0			30.10					f.	-	0	-
18		1		,		0			30.13	44	42	41			-	0	
9					904	1			30.17	48	45	44		b.c.f.	cum	4	
10						1			30.17	50	48	47			-,	4	-
11					Louth	1			30.17	51	49	48				6	
Noon.					904.	1			30.17	54	50	49				7	

Course and distance	e made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	, 8	"	
	Longitude by D. R.	0 61	.11	
Position at Noon:	Latitude by observations of ②	0 '	"	
	Longitude by chronometer from Forenoon Observations of ©	0 ,	"	4
	Latitude by	0 ,	"	
Position at 8 A. M.	Latitude by Longitude by	,	"	
	Latitude by	0 ,	"	
Position at 8 P. M.	Longitude by	0 '	"	
Current during the	time, knots tenths per hour, setting to the			
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 /		
Deviation of the Co	ompass by Azimuth O observed at , "	0 /	"	
Water expended du	ring the preceding 24 hours,	200	gallons	
Water	during the preceding 24 hours,		"	
Water remaining of	n hand fit for use at Noon,	2100	, "	
Coal consumed dur	ing the preceding 24 hours,			
Coal remaining on	hand at Noon,	tons 176	00 '	

P. M.									
1	Moored to Dock	04.801	1-2	30.15 5	5 53	51	b.c.m.	cir cum	6
2			2	30.16 5	5 53	51	.,	Dun.	3
3			2	30.16 5	7 55	53	,	"	3
4			2	30.17 5	6 54	52			1
5			2	30.18 5	6 51	50			1
6			2	30.21 5	5 51	50	1.0.m.	mil.	0
7			2	30.21 5	5 51	50		1,	0
8			2	30.21 5	4 50	49			0
9		9.9%.	1	30.22 5	2 50	49		-	0
10			1	30,22 5					0
11			1	30.21 5	,		b.c.m.	cir.cum.	3
Mid.			1	30.21 5	1 49	48			4

Lieuteward & J. M.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. .

Overcast clody, damp and mity; cleaning last home of watch balow to light air from Inth. Banked fine under body 64:

RATional Rationale Europe Ou & a.

From 4 to 8 a. 90.

Clear, followed by cloudy weather and dense forg. Light airs from South, then calow. Banked free under botes of Received on braid in Pay Deft. 60 the broad 75 lb. fresh bref and 75 lb. fresh organists.

Lewtenant W. S.

From 8 a. M. to Merid. Com 8 W. M. to Mond.

Meather orneast and foggy cloaning toward out of watch Light airs from FM. to I mits. Baronter steady. At 9.30 the Firmmany Bout Martial of which Link. I d. Purell was senior member coursed, adjoining at 110 clock to await action of the convening cutbority. I And B. M. Ich, and M. Joseph B. M. Leb. atuned 75 and 5/2 hours respectively orationed in banked in bother A. Chinning rigging that was continued by Board of Furry was turned in to the lanual stockeyer at this Year.

Lieutewant M. I. M.

bloody and misty. Light airs and breen from Ot Feb. at 100 unmoved chip preparating to chifting bitch but reentened at 130. Received by Pay Dept. from General Strakesper Navy Yald, 200 lbs. odd meat, 300 lbs. tobaccs, 960 lbs. Roast Mitter, 750 lbs. evap. Fine banked in bills of. Orm Meriod. to 4 G. 9N Ensign Ph. J. M.

Oum 4 to 8 P.9W. Observe owered and cloudy with light air from & 4.9 Barmeter etrady. Fine Switchart 9. 9.90

Dum 8 P. M. to Mid Dowcast to partly closely and miety dight aire from \$ 99. Eusign Q. J. M.

Examined and found to be correct.

J. B. Miller, Lieutenant N. J. M. Navigator.

LOG of the UNITED STATES Phip Essex Moored to Dock Navy Yard Phus York

			2,,000	TOWN XII COX	0,0	1	/	,		1							
			Reading		WIND.	•			BAROME	TER.	TEMI			State of	Forms of	Clear Oths.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				moved to Dock	Qu. 3 Qu.	,			30.20	51	49	48		b.c.f.	cum.	4	
2						1			30.20	49	47	46		0.8.	nint:	0	
3						1			30.20	46	44	43		f.	.,	0	
4					FOI by OL.	1			30.20					·		0	
5					balm.	0			30.20		1					0	
6						0			30.21	1						0	-
7					OL. FOL.	0			30.24	,						0	
8					N. ly W	1-3			30.26					0.0.p.d	-	0	
9					A. A €.	3-4			30.30					"	-	0	
10						3			30.34						,	0	
11					N 6. by N.	2			30.34	47	42	4		0.c.m	"	0	
Noon.					0	2			30.32	47	42	41	120			0	
										1	1		1				

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0 /	"
Position at Noon:	. ,	"
Position at Noon: Latitude by observations of ②		"
Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
	0 ,	"
Position at 8 A. M. (Latitude by Longitude by	0 ,	"
	0 ,	"
Position at 8 P. M. (Latitude by Longitude by	0 ,	"
Current during the time, knots tenths per hour, setting to the		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Compass by Azimuth @ observed at , "	0 ,	" .
Water expended during the preceding 24 hours,	300	gallons.
Water during the preceding 24 hours,		"
Water remaining on hand fit for use at Noon,	1800	"
Coal consumed during the preceding 24 hours,		oo lbs.
Coal remaining on hand at Noon,	tons 17	7 .
	, , ,	

P. M.								
1	Moored to Dock	NE. by 16.	3	30.32 45	36 39	0.c.n.	runit.	0
2			2	30.32 44	38 37		-,	0
3			2	30.35 42	36 35		,	0
4		4.16.	2	30.37 40	34 33			0
5		NE. by N.	3	30.86 40	35 34			0
6		. 0	2	30.37 40	36 35	-		0
7			2	30.38 49	36 35			0
8			2	30.38 49	36 35	0.c.m.		0
9			2	30. 40	36 35			0
10		"	2	30. 48 49	36 35			0
11			1	3045-49	36 35		,	0
Mid.			1	30 45 49	36 35	-		0

Commander Louis Kingsley Tuesday, January &

, U. S. Navy, , 1895.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to + a. M. Owners and forgy.
Barnute steady Barked five in boiler of Light airs from Ch. Jat. to Jat. by Dr. n I Koleman & S. W.

From 4 to 8 a.M. Observed and forgay, with dursting rain setting in at end of water. Cheather conceast and forgay, with dursting rain setting in at end of water. Calle and light, aim from 94 99. shifting to b. b. by 9. B. acouste vining. I was off morning chame and frequent to leave the dock. They nine came alongwide at 8 b clock. Fruit banked in briler it."

Lieutenant Qu. S. Ov.

From & a. m. to Merid.

Oricael, cloudy and mixty. Light driggling rain first how. Sentle to light brugel from North to NE. by N. At 8.30 mored to Ordinan Dock, with auctione of Nary Glad Durge News and Nacheta and moved ship keading N. of N. 12 b. (go) Banked fine in bother 4. When my librity, John Sollefino End, and J. Ftrakley End. RA Tistale

Ensign U.S. W. Orono Merid to 4 P. M. Down Merid to 4 C.M.

Overcast and raining. Sight breeze from N.E. by N. Baroneter revide and willating considerably. Furt working party in cutter to turn in copyer tarker. Branked free in briler it. John Felter B. Mate ich was transfund to the W. F. R. F. Gremort. The accounts and transfer papers of H. H. Scieler Sh. Book Ich, were transfund to the W. F. R. L. Gremort.

M. Me of Eman

From 4 to 8 P.M. Overach cloudy, rainy and cooler mather Light for at times Light A Ely-breezes. Banked five in bother 4. Po Gusign D. S. M.

From 8 9 n to Oride Overcast; raining . Fight begy from No. by N. Mucurial barometer oscillates as much it is impossible to get an accurate reading, visualisticis amounting at time to .14 of an wich. Practically no motion or the clup, either when pitching sacest what may be due to surely from passing tuge.

N. Xoleman n I Tool Eman

Examined and found to be correct.

J. B. Me illon Lecitenant & G. Wavigator

LOG of the UNITED STATES Ship Essex Third Rate, Mooned to Dock, Mary Yard, Chew York.

					1	-11				- (1							
			Reading		WIND.	V			BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Hear the	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Thoosed to Dock	1.80 1.	,			30.15	. 20	2/	, -					
1 2				Moored to 2000	A. E. by N.	1			30.45					0.0.0.	mint.	0	
3						1			30.45	39	36	35				0	
4 5					North	3			30.45					0.0.		0	
6						3-4			30.45	/				"		0	
7					N.NE.	3-4			30.46							0	
8					18	3			30.48					0. c. m.		0	
10					NE. by N.	3			30.51	39	35	34		.,		0	
11					J. Nº 6.	3			30.50		1			"	-	0	
Noon.						9			30.48	41	1	06				0	

Course and distance	e made good since preceding noon by observ	ations,	knots.		tenths.
	Latitude by D. R.		0	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon	Observations of ①	0	,	"
	(Latitude by		0	,	"
Position at 8 A. M.	Longitude by		0	,	"
	(Latitude by		0	,	"
Position at 8 P. M.	Longitude by		0	,	"
Current during the	time, knots tenths per hour,	setting to the			
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,	
Deviation of the C	ompass by Azimuth O observed at	, "	0	,	"
Water expended du	ring the preceding 24 hours,		30	0	gallons.
Water	during the preceding 24 hour	rs,			"
Water remaining o	n hand fit for use at Noon,		15	00	"
Coal consumed dur	ing the preceding 24 hours,		tons /	760	lbs.
Coal remaining on	hand at Noon,		130 " 3		

P. M.										
1	Moored to Dock	1.16.	3	30,67	43	34	32	0.c.m.	minit.	0
2			3	30.67				6.0.m.	cum minit	+
3		,	3	30.67	44	34	32		,	4
4			3	30.69	44	34	32			3
5		Jr 6.	2	30.68	44	35	34			2
6			3	30.69 4	14.	35	34			1
7		-	3	30.70 4	15	34	33	0.c.m.	sumb.	0
8		6.18	2	30.71 4	44	33	32		-	0
9			2	30.71 4	43.	33	32			0
10			2	30.714	+3 .	33	32		-	0
11			2	30.71	42	33	3 2		-	0
Mid.			2	30.70						0

, U. S. Navy,

, 1895.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Sight arise to light been fino N.E. by N. Ourroast with rain frist how, afterwards turning to anow Fries banked under boiler It for heating clay.

Geore Crack

From 4 to 8 a. 9N.

Overcast cloudy and cool. Gentle to morderate buy from North to N. N. E.

Rising barometer.

De Sio dale Eurign 91. 9. 91.

From 8 a. m. to Merid. Overcast, damy and cold. Gentle bery from No. to N. N. E. Baroneter variable Destud magazini flord cocks and found them in working order. The following abentuse win reported John Follow Ba, and J. Strekley Sa Banked free index boiler it. Tent the Presental Bacometer back to the Venezal Itankeyer of the Chay Yand, on account of it not being in working order Compensative of magazine 57:58: found 59:58: aft.

7 9 Roof Ema Eusign W. J. M.

From Pheriod. to 4 P.M.

Levelle been from N. N. E. Clondy and cold. Received on broad in Ordinance
Dept. from the General Floridager of the Yard Furthy fine (73) worn cartudge bette in the Construction
Dept. 48 ful vira gauge and in the Equipines Dept. 2100 gallow fiech water (700 gallow for below and
1400 for tranks) Discharged from the Ol F. Hard Levice Frod Ballow Press Utild. By receive of his bring an
underwards green for the service and by order of Buran. Freis banked under biler to for heating elip.

Geor Beach Levitenant U. S.W.

Firm 4 to 5 PM.

bloody and crob. Light to gentle breen from N.E. to E. N.E. Flory "Three Boother" of Q. y.

forled their ship at 4.30; sent all hands role and almost her closer. Received as These attendants on
their ship the following Jap's from the Ob. F. Q. & Termont: The Its, Schi Thegrador, Freshtam Tyuti.

Banked free under brier "T.

71 Coleman Oneign W. & M.

Lieutenant U. J. M.

Firm 8 9 9 n. to 9 nid.

Light breeze from & N 6. Derecast cold and mity. J. Sollefeen Sea, returned 38 houre one time. I sie backed under boten A for heating ship.

Provident District Of Sec.

Examined and found to be correct.

J. B. Meillon, Lieutenant M. J. M. Navigator

LOG of the UNITED STATES Thip Essex Morred to Dock, Mary Yard, Chew York.

					- (/	_		- (_
			Reading		WIND.				BAROME	ETER.	TEM			State of	Forms of	Clear Oths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Moored to Dock	Ć. N6.	3			30.71	43	34	38		0.0.	ninh:	0	
2						3			30.71							0	
3						2-4			30.69	44	35	33		0.0.90.		0	
4						3-4			30.66	43	34	32				0	
5						3-4			30 66							0	
6						3-4			30.65	43	34	32		0.6.9.m.		0	
7						3-4			30.64	42	34	33		.,		0	
8						3-4			30.63	41	34	33		0.0.9.0.		0	
. 9						4			30.62	43	35	34			,	0	
10						3			30.60	44	36	35				0	
11				,		2			30.55	45	36	35				0	
Noon.						1			30.53	45	37	36		-		0	
							-	-								1	

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	۰	, "
	Longitude by D. R.	0	, ,,
Position at Noon:	Latitude by observations of ©	0	, ,,
	Longitude by chronometer from Forenoon Observations of O	0	, ,,
	(Latitude by	0	, ,,
Position at 8 A. M.	Longitude by	0	, ,,
		0	, ,,
Position at 8 P. M.	Longitude by	0	, ,,
Current during the	time, knots tenths per hour, setting to the		
Deviation of the C	ompass by Azimuth O observed at , ship's head	0	,
Deviation of the C	ompass by Azimuth O observed at , "	0	, ,,
Water expended du	aring the preceding 24 hours,	30	o gallons.
Water Assum	during the preceding 24 hours,	140	0 "
	n hand fit for use at Noon,	260	0 "
Coal consumed dur	ing the preceding 24 hours,	tons 4	760 lbs.
Coal remaining on	hand at Noon,	tons 1-	0 '
		1	

. М.						38				
1	Owward to Dock	6.16.	4	30.48	46.	38	37	0.0.9.1.	nisib.	0
2			4-5	30.45	47.	39	3 8			0
3			4-5	30.43						0
4			4-5	30.41	47.	38	37			0
5			4-5	30.36 4	+7:	38	37			0
6			4-5	30.32 4	19.	38	37			0
7		,	3-4	30.29 4	18 3	8	37			0
8		,	3	30.26 4	193	39.	38	-		0
9			2	30.20 5	50 4	10	9	-		0
10			2-3	30. 15 3	50	41	40	"	•	0
11			1-3	30.10 6	51 4	12	4/			0
fid.		9. by 6.	1-3	29.94	50 4	15	44			0

, U. S. Navy,

, 189\$.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to +a. M. .

Overast and cloudy Light to gentle bery from & N. E. blowing moderate in puffs. Banked fine under brief of .

OFFigure Deviterant On 99

From 4 to 8 a. On.

Ourvast. Misty during last how. Sentle to moderate been from 6 N6.

Barometer falling.

n Dolama Ensign M. S. O.

From 8 a. M. to Merid

9 30; all accounted for Received in Rangetin Dept from the General Terrheyer of the Yand one Preserval Baconster No 340 H, in exchange for the one received Jan 5, 1895, No. 3298 Draughed to the Ob. F. R. F. Pernent, with bag, hammork and recessary transfer payers James Long an Cilar. J. Strakley, Era, returned 49 hour one time. First bankle under other "A" for heating chip.

Geo. R. De ack, Lewitewort Ol. 8.9.

From Mends to 4 PM. Dericaes and cloudy Raining Moderate been from 6. N. 6. blowing stiff in aqually. Banked fire under bother it. Chief Gunnew Mate brokended and refelled both bothey in Chard Room.

As Lieutewant Ol J. 9.

From 4 to 8 P.M. .

Stiff to gentle breeze from E. N. E. Overcast cold and varing Placed Pote Rom.

Sell No., in solitary confinement for the night in continuation of punchiment gurn by

Summany bound Martial. Drive banked under biller It, for heating ship.

Geor Cleath Sev. S. C.

Jum 8 P.M. to Mid.

Cheather onicael and cloudy with heavy rain equally toward end of watch. Light aim to gentle beyon firm E. N.E. shifting to I by E. Baroneta falling . O. B. Buric Box. was placed under sentry charge for attempting to energyle legur on braid Frie banked under the for heating ship.

WBWhitelery Sentenant W. S. M.

J. B. We illow, Lieutenant & F. W. Navigator

LOG of the UNITED STATES Thip Essex Third Rate, Moored to Dock Chary Yard Clew York and making passage to Chewport R.D.

			Reading		WIND.				BAROME				URE.	State of	Forms of	Clear Jths.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bailb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.
. M.				Moved to Dock	Fly E.	2			30.00	51	46	45		0.0.0.	nimb	.0
2					.0	1			30.01	51	47	46		0.c.m.		0
3						1			29.94	149	47	46		.,		0
4						1			29.93	49	46	45				0
5					J. 994.	1			29.93	49	46	45		o.e.		0
6					6	1			29.93					"	"	0
7					•	1.			29.93	49	46	45		of.		0
8						1			29.93	51	45	44			cum ruit	4.0
9						1			29.94					0. e.m.		0
10					n	2			29.94	45	45	44				0
11						2			29.91							0
oon.						2-3			29.88	48	47	46		b.c.m.	cum.	2

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ②	0	,	"
	Longitude by chronometer from Forenoon Observations of ②	0	,	"
	(Latitude by	0	-	"
Position at 8 A. M.	Longitude by	0	,	"
	(Latitude by	0	,	"
Position at 8 P. M.	Longitude by	0	,	"
Current during the	time, knots tenths per hour, setting to the			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the C	ompass by Azimuth ⊙ observed at , "	0	,	"
Water expended du	aring the preceding 24 hours,	3	00	gallons.
Water	during the preceding 24 hours,			"
Water remaining o	n hand fit for use at Noon,	23	300	"
Coal consumed dur	ing the preceding 24 hours,	/ tons /	28	o lbs.
Coal remaining on	hand at Noon,	/ tons /	146	0 '
		/		

1												
P. M.											1000	
1				Moord to Dock	9.991.	1	29.95 48	47	46	b. m.	cum.	1
2				up the East Ruri	Gleet	,	29.91 48			b.c.m.		
. 3			0		Q1. N Q1.	1	29.88 48	47	46	b.c.		2
4					N 94.	1	29.85 45	-43	44		"	1
4.26	5	5	80.6	NE. 46.126.	991.	1	29.92 44			b.c.m.		
6	4	9	94.5	6. 4 6 3/46.		0-1	29.94 44				misib.	
7	7	1	96.0	6 /2 N.	Louth	1	29.96 44					
8	4	0	80. 6 86. 1 90. 0 94. 5 96. 0 3. 1 71. 8	6. ly N.		1	29.95 44			"		0
9	8	3	20.1	. 0		1	29.98 43	40	39	•	cumanit	0
10	9	2	29.3			,	30.00 43	40	39			0
			38.8		9.9%.	1	30.00 43			b.c.	cir.cum.	6
			47.8		4.	1	30.01 43				cir.	8

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Onidnight to 4 a. In.
Onicast and cloudy Rain followed by mist Light airs and breeze from I by E. Banked fire under biter A. Deviter and Or. S.M.

Dem 4 to 8 a m. Sight aire from IIM. Ourcast, with thick fog last two lunes. Ocleaned Poter Rom. IN M., from confusional Driev banked under biler it for heating ship

From 8 a. On. to Merid.

Geor Clack Quelle beeze from F. F. D. and cloudy. Priety all the watch but cleaning last hour Eight aire to gentle beeze from F. F. D. ar q. 50 called all blands to muster and read approved French Penaltal perceedings and entine in the case of John Power, Mach. and the sentence was duly executed, or . To be dicharged from the Name Fernice with bad conduct dicharge. Account from the S. A. F. German with bag harmock and necessary transfer papers. Orderick & Springer. In man it. Drawfered to the D. F. R. F. German with bag, harmond and necessary transfer papers J. F. Gordon Friends 2-cl. Al q a M started fire under boles & cand. D. Banked fire under boles F.

Lientenant U. J. W. Orum Merid to 4 P. M. Cheather clondy. Light airs from I. & U. t. N. Ch. Baronites falling. Pelot Ben I. Decelarance came abraid and at 1.30 get underway accorded by Navy Yand Ing Parketa. Pelot up the East Rivin the Commanding Officer, Rangation and Palot bring on deck. Passed things the blot date at 1.35 when between Oare Bluff and Banetts Porish stopped and barried sugness or account of chip bring show in account of chip bring show in account of the present of the Namber of well 3.40 passed Flagping From Light. This under steam alone Flaam presence. 58 lbs. Number of revolutions 41.

Oum 4 to 8 9. M Queent cloudy and bagy. Light air from F. W. to Food at 4 10 stopped off Execution Rock when filth left the ship and at 4.30 went alread and put ship on come 16 by 5. [L. C. (b.c.) Execution Rock Light brange 14 mile on part brain patent log reading 80.6 at 5 28 changed convert to 8.16 5.46 5. See Light brain light town braining W. N. W. at 6.10 changed convert to 6.12 N. (for). Eaton Ponit Light on starboard brawn, dictant about 2 % miles; and at y 30 changed course to E. by M. (p.c.) at 7.55 That food Thous Eight on port have distant about 1.4 miles. This under steam alme acreage steam presum 58 lbs. Revolutions 47 P. Rove (I. M. Mote) pland in confuement new night to carry out sentence of a Tunmary bout mattal. (Disdale,

O. Eurign W. J. M. Jum 8 G. M. to Mid blondy at friet; clearing with bright monlight Light aire from F. F.C. Baronette viring. Standing up Form d. at 9. 10 sighted Daulkur Deland Light and at 10.37 it bore abroam distant 59 miles at 10.50 inglitte Standing Point. at 11.55 Hortenis Paint form alream distant 4.3 miles at 10.50 eighted Confield Light need at 11.30 sighted John Schaud Light . Under steam in Boles A. C. and D. Come & by N. aurage steam 58 lbs. Cer olutions 48.7

71 I Col Eman ho Ensign W. & 9.

Examined and found to be correct.

Secretariant & J. O. Navigator

LOG of the UNITED STATES Phip Essex Third Rate, Making passage from New York to Rewyert, R. I. and morred to Bury, Rewjert, R. I.

	1	<u></u>	-	0	0				-				- (, ,			
			Reading		WIND.				BAROMI	ETER.	TEME	PERAT	URE.	State of	Forms of	Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A, M.	2 3 3	500	56.3	& /2 N. 8 /4 M. 8 /2 T.	9.901.	1			30.02	43	41	40		b.e.	cir.	8	
2	31	05	65.3	6:14 N. & NE3/46.	01.901.	1			30.03	43	41	40				6	
3	2 4	36	72.1	€.48/1 €.		2			30.04					"		7	
4	5	8	77.9		,,	2			30.05					"		y	
5	2	9	82.4	9"6.	Otest.	2			30.06					"	cir.stral	5	
6	2	1	86.2	N.NE.	494.	2			30.05			,		,,	"	8	
7		7	91.4	N 8 0/4 E.	North	1			30.05			,		b.o.m.	"	3	
8				Mooring to bring.	Calm.	0			30.04			. "				4	
9	20	ack	Luna	ing to flood	991.	0-1			30.08	,				b.o.f.		6	
10	-	-	. 0	7	Louth	0-1			30.06			,		fr. c.m.		5	
11			Flord	Orest	Calm	0			30.03						-	6	
Noon.			"	9. ly 6.	"	0			30.01						cum. minel		
				1					1								

Course and distant	ce made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0	"
	Longitude by D. R.	0	"
Position at Noon:	Latitude by observations of ②	0	"
	Longitude by chronometer from Forenoon Observations of ⊙	0	"
	(Latitude by	0.	" "
Position at 8 A. M.	Longitude by	0	"
Position at 8 P. M.	(Latitude by		"
	(Longitude by	0	. "
Current during th	e time, knots tenths per hour, setting to the		
Deviation of the (Compass by Azimuth ⊙ observed at , ship's head	0	,
Deviation of the	Compass by Azimuth O observed at , "	0 -	, ,,
Water expended d	uring the preceding 24 hours,	40	o gallons.
Water	during the preceding 24 hours,		"
Water remaining	on hand fit for use at Noon,	190	0 "
Coal consumed du	ring the preceding 24 hours,	7 tons 2 119 " 16	0 80 lbs.
Coal remaining on	hand at Noon,	119" 16	2.0

1									
P. M.		Thijes head							
1		South	balm	0	30.00 44 4	42 41	b.e.m.	cum mich	2
2				0	29.99 44 4	12 41			,
3		£01.	North	0-1	29.97 43				1
4		9.96.		1	29.96 43 4				1
5		9. hy 6.	,,	0-/	29.93 42 4				1
6		90f. ly 9.	balm	0	29.93 42 4		,		1
7		991. by 94.		0	29.93 42 3				2
8	Furnging	to ebb		0	29.92413		b.c.	cir. cum	7
9	0 0	A by 6.	,	0	29.90413		0.0.	wint.	
10			N.NE.	0-1	29.90 41 3		,		0
11				1	29.85 39 3		0,0,mu.		0
Mid.		NE.		1	29.83 40 3				0
						1			

Murcell.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midwight to 4 a.m. Bright nimbight Long will the refer 200 Flowed down at 2.00 Made the following change in cone: at 12.00 to 612 N. at 12.20 E/46; 12.46 to 612 12. E. 144 1.30 E/46; 2.17, E.N.E. 12E. pat by 67.4. At 2.26 Oldtek Hill Light was aham, dictant 3.5 miles At 3.00 eighted Block I should Light braining FE by E. 46. At 3.25 sighted Print Judith Light braining E.N.E.

Cheech Little Gull Island at 1.07 and though tide rip of Race at 1.15. At 4.00 Block Island Light born I by E. and Judith NE by E 3/4 E. Thips head E. NE 1/4 E. amage steam 56 lbs. Revolutions 42.4. Under steam alone using biles A. C. and D.

Oum 4 to 8 a.m.

Geo R. Deall W. S. M. Dair to clear Printy horizon Light air and breeze from North to West, followed by calm at 4.20 alund down and braded up to I'll swill Laying off and on awaiting daylight. at 6.30 headed in for Georgen. at 7.55 made fact to bury off Goothen and of book I etand. Extraoged mumber with Constitution coming in Made Interrogation 5573, around by Constitution 904 Free ander three birlew arrange status present 55 lb. Rebritime 35.

Oum 8 a. M. to Merid.

Lieutenant & S. W. Obsertable few and placeant Miety about brough to light air from 50% to South Baronitu felling. Ot 8:15 mode engual Seturgeton 4557 which was ancienced by the Constitution with 90 4. Permission bridge granted to hand first, they was allowed to die out in bookie 6. and D. At 9 o'clook the Commanding Officer prid his official with to the Coral Flation, returning at 10.30. Regged and love brown and britted until the stamp launch she specifications for a Tunimary Event Martial, when delivered to B. Burke Ea. B. atabellar Pack, was greated leave inited Observeday Banker five under boiler A Draft of ship 13 feet 11th inches forward, 16 feet 4th inches aft.

O'rum (Mend to 4 G. 97)

Chordy and hazy. Calmo and light air from North air Paymater natur the Remeay 94. I. Dr. reported on board for duty on the relief of O.a. Paymaster T. B. Breck M. A. in obstitue to Nay Dept orders of Jav. J. 1895. By order of the Commanding Officer the following change in ratings have brew made; from Jav. 9. 1895. L. 9. M. Stockly B. M. 2cl. to B. M. (cl. : J. A. adams, Sta., to B. M. 2cl.; J. N. Stockly B. M. 2cl. to B. M. (cl. : J. B. arrange day, to B. M. L. Cl., J. M. Stockly B. M. 2cl. to B. Brew J. J. P. Burrens day, to B. Borret 4cl. J. J. M. Stockly B. M. M. Sto Lde, to Oritor 2 a. A. Macuda Press all to to Oland Rome book , from Jaw 1895 g. Resturan, The Book 2 cl. to She book 1 cl.; from Jaw 10. 1895 g. Boraw Price 1 cl., to Octor; from Jaw 10. 1895 g. Boraw Price 1 cl., to Octor; from Jaw 10. 1895 g. Boraw Price 1 cl., to Octor; from Jaw 10. 1895 g. Boraw Price 1 cl., to Octor; from Jaw 10. 1895 g. A. Diglifort Mew and to Ldu as Lamplighter; A. S. Beachorn, Ldu as Lamplighter to Ph. Book 4 cl. Quie banked under botes A. Slord tide Say Clin, M. C. Waldman, reported on braid for official tide

um 4 to 8 P.Mr.
Deather cloudy, cleaning toward end of writer Light air from North to Calm.
Barrowter steady at 8.00 living to Abbition Drive banked in boiler A for heating ship.
Wall mississery
Living Living at 8.00. Oum 4 to 8 G. M

Dum 8 y. M. to Mid.

Downste falling last half of watch. Elt tide Brie banked in briler it. RD Fisale Examined and found to be correct.

J. B. Millon, Levitenant U. S. Ol. Navigator

LOG of the UNITED STATES Thip Essex Moored to Buoy, Newport, R.S.

			11	COOCE	w w vonce	y, acopt												
	Patent by Log.			Reading	0	WIND.						. TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Hear ths.	e Sea.
		atent by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	Prop. of Cle Sky, in 10ths	State of the S					
1	A. M.					0.0.												
	1		0	Ell	Gast	(N. M. E.	1-2			29.81					0.c.m.	rumb.	0	
	2		Fur	iging Flord	to flord	u	1-2			29.81	41	39	38		"	"	0	
	3			Plank	901.	,	2			29.81	40	39	38		0.0.d.f.	.,	0	
-	4				"	,	1-2			29.81	41	39	38		"		0	
	5				N & by N.		2			29.77	40	39	38				0	
	6			,,		JV 6.	2-4			29.70	40	39	38		0. T. f. gr.		0	
	7				96. ly 6.	6.96.	2-4			29.68					0.0.9	.,	0	
	8			,			2-4			29.69					0.0.q.d.		0	
	9				6.6.9	6. ly 9.	3-4			29.70					0.0.g.d.		0	
		9		in to e	H Gast		4-5			29.70					0.0.9		0	
	11	-	ny	ng to e	E. by F. H Gast ON F.Ot.	foi.	5-3			29.70					b.c.	cir.cum	. 5	
N	loon.	Lu	ngu	g to floo	al SOL by S.		3			29.70							8	
N	loon.	Tw	ngue	g to floo	al July J.					29.70	7 4	44	73					8

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 ,	"
	Longitude by D. R.	0 /-	"
Position at Noon:	Latitude by observations of O	0 /	"
	Longitude by D. R. Latitude by observations of © 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	(Latitude by	0 /	"
Position at 8 A. M.	Longitude by	0 /	"
n	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 /	"
Current during the	e time, knots tenths per hour, setting to the		
Deviation of the C	compass by Azimuth O observed at , ship's head	0 1	
Deviation of the C	Compass by Azimuth ⊙ observed at , "	0 '	"
Water expended d	uring the preceding 24 hours,	200	gallons.
Water	during the preceding 24 hours,		"
Water remaining of	on hand fit for use at Noon,	1700	"
Coal consumed dur	ring the preceding 24 hours,	1 tons 17 6 0	lbs.
Coal remaining on	hand at Noon,	118 "2100	
		17.0	

P. M.											
1	Lum	ging to flor	d 9.904.	901. ly 9	3-4	29.70 4	4 43	42	b. c.	cir.cum	7
2	(Blood	9. ly %.	-	4	29.724					8
3			901. ly 9.	\$ 01.	4	29.69 4					6
4			-		3-6	29.65-4				Cum mil	5
5			\$01.		3-5	29.65 4	10 40	38	0.c. q.d	nemb.	0
6			Or. 901.	01.894.	3-7	29.68 3	5 37	36	0.0.g.d.s		
7			901. by 04.	901. by 04.	7-8	29.703			0.0.gr.w.		
8			91.881.	CN. 9 64.	9	29.70 3					0
9		Ebb.			8	29.76 2					0
10					7	29.80 2	,				0
11			(2). by 8.	01. by F.	7	29.82 2					0
Mid.					5-6	29.82 2					0
								. 2 3			

, U. S. Navy, , 1895.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Chidnight to 4 a M. blear and cool, first part cloudy amount during latter part Light to moderate berry from N. N. E. B. avonitive steady Banked file undle bottom in A los from an armone 4 to 8 a M. Weather conscaet cloudy and forgy first two hour drigging rain setting in at end of water Light to moderate they in equility from N. E. Shifting to 6 & 6. Backenthe falling First banked in boiler it for heating ship Reding to world WBWhiteley

WBWhitelsey Trentenant Ou. J.M.

From 8 a. On to Ordered Drively Driveling vain to clear wrather Obosticate breeze from 6. by 9. wrining to 40 in light sequelle. These inding to wind and let tide until last how when swang to flood. I O. Ftenman Diverel, reported the experation of his enlistment to themy (Bay.) about without leave Dempusture of magazine 60 55° forward, 61 60° aft Bayked free under books 4.

and Sistale Ensign QU. S. M. Then Reid to 4 G.M. Colondy and pleasant South to fresh breeze from FO by I to FO Baroneter falling. Banked free under boiler A" Broke out Paymasters stort room to take inventory.

n. J. Cooleman From 4 to 8 P.M.

Oricast and cloudy Driggling rain and arrow and two home of watch Gentle breezes to heavy equally and modulate gale from O. F. O. to F. O. ugly wrather last part of watch O. Clove (F. M. M.) placed in confinement our night in accordance with sentence of I unmary bout Martial. Bauhed free under boler of

addistate

From 8 O.M. to Mid.
Overcast and cloudy Digly appearance of weather all the watch. Overdenate gale in aqually from 84.9.94. and 84 by S. Baroneter news. Elst tide. Banked free under boiler A.

n. T. Coleman

Examined and found to be correct.

Lentenant Of J. Ob. Navigator.

LOG of the UNITED STATES Phip Essex Morred to Bury, Newport, R. J

Third Rate,

					A		0-			-	-						_
			Reading		U _{WIND} .				BAROME	TER.	TEME			State of	Forms of	Clear Oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	Ship's head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.			Flord	Ot . by 9.	Q. 9 Q.	7			29.83	21	20	19		beg.	cum.	6	
2				ા કેશ.		7			29.88			,			cumumt	0	
3			,		,,	7			29.92					beg.	cum.	4	
4			P	901. by Or.	,,	7			29.95						.,	6	
5				ા કલ		5.7			29.95	25	23	21		,,	cum stead	6	
6			-			5.7			29.97	26	24	22		"	"	7	
7				Ch. by S.		4.5			30.07	26	25	24		"	"	7	
8						3.4			30.03	27	26	24		"		6	
9			Ebb		Ot. by 9.	3-4			30.08	29	28	26				y	
10				Oh. by A.	0	3.4			30.09	30	29	27		,		6	
11						3-4			30.09	31	30	28			cum.	2	
Noon.				Oh. by 9.	Obest	3.4			30.06	32	30	29				1	
				0						-							

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Latitude by D. R. Longitude by D. R. Latitude by observations of ⊙ Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
Position at Noon:	Latitude by observations of ⊙	0	,	"
	Longitude by chronometer from Forenoon Observations of ②	0	,	"
			,	"
Position at 8 A. M.	Longitude by	0	,	"
	(Latitude, by	0	,	"
Position at 8 P. M.	Latitude by	0	,	"
Current during the	e time, knots tenths per hour, setting to the			
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the C	Compass by Azimuth ⊙ observed at , "		,	"
Water expended di	uring the preceding 24 hours,	1	00	gallons.
Water	during the preceding 24 hours,			"
Water remaining of	on hand fit for use at Noon,	,	600	"
Coal consumed dur	ring the preceding 24 hours,			
Coal remaining on	hand at Noon,	tons 2	100	
		'/ ~	,,,,	

						T	T				
P. M.									1		
1	Plord	Parly a.	West.	1	30.03 34	1 32	31	b.c.	cir.	9	
2		391. ly 3.		1-2	30.02 34	1 32	31			8	
3	-			2	30.02 33	32	31		cum strat.	3	
4		904.	,	1-2	30.04 34	1 32	31		niml	1	
5	-	Ch. by 9	9. by 9.	2	30.10 33	33	31	0.0.d.e.	-	0	
6		9 94. ly 04.	.0	1-6	30.11 33	- 33	31	b.e.	cum.	5	
7		Otest.		1-2	30.08 34	1 33	32			3	
8	âlf.	(21. ly 9.	4.	2	30.07 34	1 33	32	b.o.s.	mint.	1	
9				1-4	30.12 33	32	31	0. c.		0	
10		91.1.04.	04.894	1-2	30.12 33	32	30			0	
11	-	NOL by N.	(It est	. 1-2	30.12 30	31	29		-	0	
Mid.		NOG.		2-5	30.12 30	30	29	b.o.	circum	6	

List of Apprentices received

1		-			
	Bridge Or.	French Ot.	Loder D. E.	Rosenstein M.	from Oh. P. Partly
-		Ferry D. F.	On: budy b.	Rogers, J. R.	1.
	0 1/4		On: Guire J. J.	Speel g.	-ack
-			m: bals .	Stehle a. E.	Ro Lieutenant USM
100	Bromly Oh.	Foley, g. P.	Morell J.	Seevel , G. a.	reeze from Dr. FOI.
1		Fadde, C. F. J.	Marshall, 6.2.	Smith J.C.	
			Menzel, O. P.	Steele 6.01.	Stale. RDJ Ensign OUS. Ph.
		Frich, O.	Monahan, H. J.	Swaw G. Oh.	Charge www.
	Bode, Ho.	Finley, a. On.	Madden a.J.	Scheen, J.	st. Barmeter
	Blaisdell, C. F.	Gerdes, A.A.	Muway Qh. H.	Stain O. H.	box appliances forward, 56° 56° aft.
	Cummingo, A.D.	Green, Ch.a.	Mauerhofer, E.	Smith Ol. J.	/
	Carrel J. R.	Huidrelet . 3.	Mayer, & J.	Tchroder, J.C.	Coleman
(Crowle, C. H.	Ham, a.	Meeks, J. J.	Stoker J. Ho.	Eusign Q. F. M.
	Chapman, G. E.	Harman, O. H.	Marin, J.	Phomas, G.	loudy last half.
	Durant, E.a.	Haitman G. J.	Mathias J.	Tumbull A.	loudy last half. Fine 22l by nearm of w with bags,
-	Duncan J.	Holotien C.a.	Malthy B. W.	Thompson, J. L.	ied apprentice at
	Dey, 6.0.	Hengeveld C.C.	Chaumanur &.	Vallentine H. M.	sting ship
	Daire J. H.	Hermann B. H.	On, 6.91.	Chillie A.	beach
-	De Vellie, J. C.	Honghton E.L.	Ourus, M.a.	Orolf, H. a. F.	Lecitenant Q. J. O.
,	Darly L. M.	Jepson a. O.	O riell G. Ot.	91 of g. P.	aveneter variable.
(De Sauno & L.	Joyce, J.	n .	Otelimain 6.	avoneta variable.
0	Dunn, J.J.	Korbler, G. Ot.		Otherway G.a.	
	Du Ow, L.	Keraw, On. H.	Peterson, 6.9n.	York J. H.	DelEman C.S.M.
(Ehrgord, A.E.	London, J. Oh.	Sickett, J. H.	Yoskiech, P.C.	
4	Ebruvalter E.	Lamb, 4. H.	Richter E.		to West . Overcast cating ship
	Emory J.W.	Langrehr 6 3.01.	Chalston Oh. Co.		
		Liebro J.	Rathbur 9. H.		Lieutenant Q. J. M.
					Samuellan vo. v. v.

Examined and found to be correct.

LOG of the UNITED STATES Thip Essex Moored to Busy, Newport, R. J.

Third Rate,

			Reading		WIND.				BAROME	TER.	TEME	ERAT	URE.	State of	Forms of	Clear oths.	0.0
Hour.	Knots.	Tenths.	of Patent Log.	Ships head	Direction by Standard Compass.	Force.	Heel.	Leeway.	·Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	0.11
A. M.				Cheek	Chesh.	1-2			30.11	24	29	28		bo.	cir.eum	,	
2				Or. by N.	,	3			30.13	27	29	28				2	
3				1	,	3-4			30.14	27	29	28		b.c.g.	cir.	9	
4				JOH. Ly J.	,.	4-5			30.15					"		5	1
5				Otell		3-4			30.16	26	26	25				5	1
6				Ot by 9.		3-4			30.18					,	strat.	7	1
7				Of ly N.	Ot. by N.	2			30.19	26	26	25		b.c.	cum etra	4.7	4
8				Ot. by 9.		1			30.21						-	6	1
9				W. 5404.	West.	1-4			30.24	30	28	27			-	7	1
10				Ox . 1 04.		2			30.26	37	29	28				4	1
11				Oh. by N.		2.4			30.24	37	30	29		0.0.	nimb.	0	1
oon.				Qr. Lon.		3			30.20		1	,				0	1

Course and distance	made good since preceding noon by observations,	knots.		tenths.	
	Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ①	0	,	"	
	Longitude by chronometer from Forenoon Observations of O	0	,	"	
(Latitude by	0	,	"	
Position at 8 A. M.	Longitude by	0	,	"	
		0	,	"	
Position at 8 P. M.	Longitude by	0	,	"	
Current during the	time, knots tenths per hour, setting to the				
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at , "	0	,	"	
Water expended du	ring the preceding 24 hours,	40	00	gallons.	
Water	during the preceding 24 hours,			"	
Water remaining or	hand fit for use at Noon,	120	20	"	
Coal consumed duri	ng the preceding 24 hours,			lbs.	
Coal remaining on 1	hand at Noon,	tons /	2.7		
		"/ 7	NU		

						1		-	-	
P. M.										
1	Ebt.	Q. 90.	West	3	30.20 35	32	3/	b.c.	cum.	4
2		904	O4. 9 O4.	4	30.19 35					4
3				4	- 30.19 36					2
4				5	30.19 36					5
5		9 9. by 94.		4	30.18 36	35	34		1	6
6		- 0		4	30.20 37	35	34			8
.7	-			3	30.20 38	36	35			9
8	Olord			3	30.20 37					9
9		904. by 9.		2	30.17 38	36	35			9
10		901. ly 01.		2	30.18 38			-		9
11		Aly E.	"	2	30.17 38				circum.	5
Mid.		ON. A ev.		2	30.17 38	36	35			4

Midnight to 4 a ON. Overy fresh breeze blowing in equally from ON FON Faitly clody with mornlight. Fire banked under boiler A, I for heating ship. geo Raeart

Firm 4 to 8 a ON.

Clear and cold Fresh breezes in squaller to moderate breeze from D. 901
Barometer vising. Ship heading to would.

R. J. Sis Lale. R.D. Sis dale. PDV Enigo US. P.M.

From 8 a. M. to Merid. Sentle to moderate bury from M. by I to Mest Barometer falling Barberd frew under bother A. Account in Ordinauce Deepl 2 sub calibre appliances for 4 nich R. J. guns and I box pumers. Deseptative of magazines 57°56' found, 56°56' aft.

n. g. Orleman Eusign Di & M.

From Meins to 4 P.M.

Sight air to light brees from Chest. Clear first part cloudy last half.

Dicharged from the Clarat Perice into an howerable discharge, I. O Ferman, Die ret, by warm of exquiation of cultiment Account on brand from the W. I chand I rawing Statem with lago, having and recessary transfer papers, appendice as per appended lick. Mustered appendice at quarters and gave them their general stations. This banked under bother of historia chip.

Geo. 18 Create and & J. A.

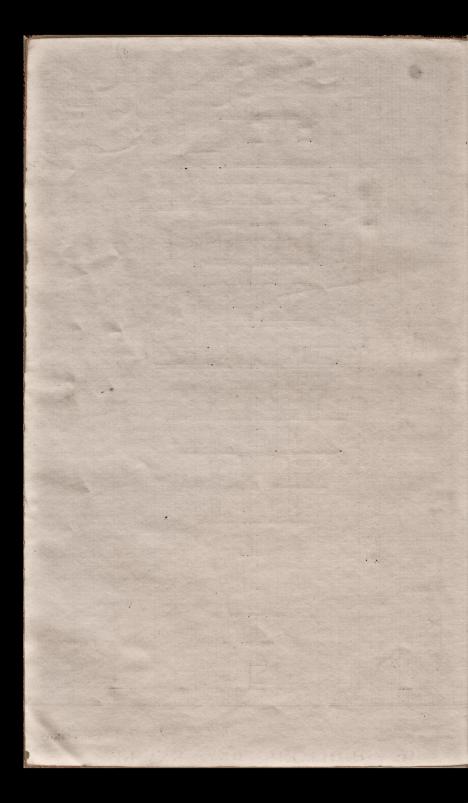
From 4 to 8 P.M. Cloudy dight airs to fresh breey from Oh by F. to Ohest. Barometer variable. G. a. Paymenter T. H. Bicks & F.M. was their day detrested from duty on braid their ships and ordered to the D. 9.9. Moshican. Fries bouled under bother A. The Col Eman R. J. Coleman C. S. W.

From 8 P. Ch. to Mid. Drind variable in foor mineraring last how from 96. 9. 96 to Meet Oricard until last bon, then partly cleaning bold. Free lanked under boder it for leating ship

Georbean Ro Lieutenant V. J. W.

Examined and found to be correct.

J. B. Me ilter, Lieutenant Oh. & M. Navigator.



, U. S. Navy, , 1895.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. ON Cloudy to clear Light airs movesting to moderate and stiff buezo from Cheek. Banked flies under briler it. Howall Dieutenant OLSON

From 4 to 8 a. M. Gleav and cold Moderate to light breeze from Ch. by N. to Cheek Bacometer riving. Banked frie under boler of Received on board in Pay Dept. 82 lbs freeh bread, 102 lbs freeh last, and 102 lbs freeh orgetable. n. 1. Cooleman

From 8 a. On to Overed. Light airs to moderate breeze from Obest Fair first half, ornicast last two home. Cold. Onustued crew at quarters at 9.30, and muctered apprenties in stations Bound on brand with bag, harmous and necessary transfer spapers I borgaland app 3cl. Dected magazine flord cocks and found them in working when Banked foreverned briter it, for histing clap. Dempurature of magazine 52°59° forward, 56°56° of The Oppositions of By Clar Storge I Instigute was the day worked, and he was re appointed By Clark of the Ob II Molecular and freeward to that wrest the day worked, and he was re appointed By Clark of the Ob II Molecular and freeward to that wrest the day British to the Observation of the Observa

From Ornid to 4 FM. Clear Gentle to stiff brew from Obest and Ob 90 . Found out it clother to apparetree 3rd class Give banked under briler it.

Henrell Lieutenant Q. & M.

Grow 4 to 8 G. GW.

Onoduate to gentle been from O. F. O. Fair and cold Received on braid from the General I tookeeper, Orachington Pray Jand, one fining sein and spring for 4" B. L. B. No. 44 Percei banked under boiler I, for heating slip Confund T. Ross, T. W. , in continuance of principles in the formal confundation of principles.

Geneliante Lieutewant U. &. M.

Quan 8 P. m. to anid.

blear Fight breze from Qb. 90%. Banked free under boiler it.

Lieutenant U. SW

Examined and found to be correct.

S. B. Me ilton, Leutenant & & M. Navigator.

LOG of the UNITED STATES Thip Essex Morred to Bury, Phewport a. S.

Third Rate,

		n. 1		WIND.		-		BAROME	TER.	TEM	PERAT	TURE.			lear ths.	Sea.
Hour.	Knots.	Readir of Pater Log.	t by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.		614		Q. FQ.	1-2			30.18	40	37	36		0.0	nint.	0	
2		"	901 le 01.		0-1			30.18					4		0	
3			9. ly 6.		0-1			30.17	40	38	37				0	
4		Blu	4	Calm	0			30.15	40	38	37				0	
5			9. ly 01.		0			30.14			1		4		0	
6				-	0			30.13						"	0	
7			901. ly 9.	991. ly 9.	1			30.13	41	39	38		0.0.0.	-	0	
8				0	1			30.15	41	39	38				0	
9			Fly W.	Culm	0			30.04	41	39	38				0	
10			9 kg 6.		0			30.03	42	39	38				0	
11	9	evering to	EH- 96.		0			30.08	42	40	39		-		0	
Noon.		1	N6. by N.		0			30.03	42	. 40	39		-	-	0	
Noon.			006.6400.		0			00.00	7 7							

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0 ,	"
· · · · · · · · · · · · · · · · · · ·	0 ,	"
Position at Noon: Latitude by observations of \odot	0 '	"
Longitude by chronometer from Forenoon Observations of ②	0 '	"
(Latitude by	0 ,	"
Position at 8 A. M. { Latitude by Longitude by	0 ,	"
(Latitude by		"
Position at 8 P. M. Latitude by Longitude by	0 /	"
Current during the time, knots tenths per hour, setting to the		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 ,	
Deviation of the Compass by Azimuth ⊙ observed at , "	0 /	"
Water expended during the preceding 24 hours,	400 8	allons.
Water during the preceding 24 hours,		44
Water remaining on hand fit for use at Noon,	800	"
Coal consumed during the preceding 24 hours,		1bs.
Coal remaining on hand at Noon,	tons 1920	. =
	1,-	

											5	-
P. M.												
1	Turing to El	If N by 6.	Calm	0	29.98 43	39	38	,	0.0.0.	numb	0	
2	Est	A.N.E.	Qt. N. QL.	0-1	29.95 41						0	
3		NE. by N.	North	0-1	29.94 41						0	
4		Aly &.	N by 6.	1	29.92 39						0	
5		0		2-3	29.90 37						0	
6				3-4	29.88 37	37	37				0	
7			J. NE.	3-4	29.88 35				0.0.0.		0	
8	Flord			3.4	29.88 34						0	
9		North	North	3.4	29.8834						0	
10		,		3-4	29.89 35				b. e. w	cum ninit	2	
11				3-4	29.89 35	35	34				4	
Mid.				3	29.90 34	35	34				5	
					11							

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. ... Reather vorcast and cloudy. Calm to light breeze from Ch. F. Oh. B. arometer steady. Fruer banked under boller A for heating align.

WBWhiledory Sixutenant Ou & 9.

From 4 to 8 a. On.

- Calm first half light and from FOL by I last half Dorward with light rain after 6.00 Reliand P. Robe FON ON, from confument Received on brand in Pay Dept 102/2 bbs fresh bref, 102/2 lbs fresh origitables and 82 lbs brand Fries banked in bother IF, for heating ship.

- Real Reservances

Clear Roeach Quite Dentemant Qu'I'M

From 8 a. M. to Mend balow Derveast and cloudy Raining. At 9.35 mustered at quarters. Instructed all apprentices at their stations in Lossing and fulling Barometer very unitedy. Phip suring to the between 10.30 and now. Fire banker under books it Demperature of magazine 58° 57° forward, 56° 56° aft.

From Meind to 4 P.M. Directles voucast cloudy and rainy balm to light aris from Oh No. to Ohest.
Barometer falling . 6. 6. Batcheller Mach, intrinsed from leave. J. O. Flerman was enlisted as Froman 2006 class for this year from this date. Or Illiam Berty, Moch, was received from the Ol I I Municipalic with his transfer pages. Free banked under boler it for leating ship.

WK Whiteley Tentenant W. J. M.

Dim 4 to 8 P.M. Ovicash clody and rainy. Inming last part Light to moderate breeze from A. by E. and A. N.E. Banked fries under liner it.

Thursell Lintenant Qu & M.

Deam & R. M. to Onid.
Oberthe onical Andy and enoung; cleaning up toward and of watch.
Baronte viewig. Direc banked in bishort.
WANTELLY
Livitenant Ch. I. R.

Examined and found to be correct.

J. B. Milton, Leutenauth & M. Navigator.

LOG of the UNITED STATES Phip Essex. Third Rate, Moored to Bury, Orewport, al and making passage to Barbadon, and

					WIND.				BAROME	TER.	TEMP	ERAT	URE.	State of	Forms of	Hear ths.	Sea.
Hour.	Knots.		Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Ballb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.														0			
,		0	lord	It by Ob.	North	1-2			29.93	35	34	33		b.o.	cum.	9	
2				.1		2			29.93	34	33	32		b.	nine	10	
3				NO4.	N. N. W.	0-1			29.98						"	10	
			,	9.901.	NO.	1-2			29.98							10	
4		El	H-	6. ly 9.		2			29.99							10	
5				Ot. ly N.		2-4			30.00						"	10	
6			,	Obed	North	2			30.01							10	
7				N. N. Ob.	N. Nel.	2			30.03	31	31	30				10	
8					CH. N. OH.	1			30.06							10	
9				04.404.	Ohest	1			30.08							10	
10				West		1			30.04					l.c.	cir cum		
11						1			30.07			1				8	
Noon.	7									00	104	22			1		-

Course and distance	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ©	0	,	"
	Longitude by chronometer from Forenoon Observations of O	0	,	"
	(Latitude by	0	,	"
Position at 8 A. M.	Longitude by	0	,	"
		410 03	11	"
Position at 8 P. M.	(Latitude by D. R. sine departme Longitude by D. R. sine departme	71005	194	"
Current during the				
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the C	Compass by Azimuth O observed at , "	•	,	"
Water expended d	uring the preceding 24 hours,	4	00 8	gallons.
Water	during the preceding 24 hours,			"
Water remaining	on hand fit for use at Noon,	4	00	"
Coal consumed du	ring the preceding 24 hours,	/ tons §	00	1bs.
Coal remaining on	hand at Noon,	114 " 2	180	
The second secon				

P. M.															1		
1			6bb	Ot. by A.	Otest	1-2			29.98	39	34	33		b.c.	cir eum.	7	
2				Jel.	"	2			29.99						cum.	9	
3	0		4	9.904.	N 94.	2			29.99	39	36	34				9	
4	Lette	ug s	wdeway	Itandung on of mewant	<u>'</u> "	3			30.02	38	35	34		-		9	0
4.53	0	8	92.2	9.96.	"	2		0	3006	37	35	34				9	9.
6	7	9	100.1			3		0	30.14	35	34	33				9	
7	8	6	8.7	,		3			30.15	35	34	33				9	
8	8	3	17.0			3	Roll	0	30.16	35	34	33				9	
9	8	6	25.6		N. N Q1.	4	20-20	0	30.17	35	35	33	42			9	M.
10	8	5	34.1			5		0	30.17	36	35	33	42			9	-
11	8	4	42.5			5										9	-
Mid.	8	0	50.5			5		0	30.16	36	34	32	42			9	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. bleav to cloudless booler wrather balm and light airs to begy fum North to NO. Banked fire under boiler of for heating Movelight Rollodale Eurign Qu. 9.94

Oum + to 8 a .m.

bleav. Fight been from Not to North increasing in puffer to moderate breeze during second how. Bankeld fire under boiler it Received on board in Pay Dept. 82 lb. fresh broad, 102 1/2 lb. Heresth Trentenant M. J. M.

From 8 a.m. to Merid

Obeather clear and pleasant with light aire from 91 19 91 to Cheek Baroniter felling at 9.30 mustered over a quater frieding 81. Interest of Traker (God) about without leave detected magazine flood cocks and found them in good order Commenced distilling with boiler it and at 10.00 stated five in bodies 6. and 2). Designative of magazine 58° 57° found, 57° 57° aft.

WBWhiterlesy E. Lieutenant al. 9.00

From Merid to 4 4 M

Com Meid to 1990.

Clear and cool Light bren from Vest to NV. At 1. Cleck called all hands to muster and read scritting of Gumay board Martial we the case of O. B. Burti (ba) viz: 15 days solitary confinement in double vious on bread and water full nations very fifth day, extre police duties for two months and love of pay for that prior amounting to 60 or Made all preparations for sear and horisted all broads. I Steakly, box and O. Joshy B. W. El. une broads on broad sup to the built Ne at a. 6/2 hours monthme. At 3.50 knisted Interpretay 4890; Constillation asserted 904. At 3.57 called all hands unever slip Flood tide. Two under both for heating and distilling Juned engine over at 3990. Dealt of ship, 13 feet, 9 inches found, 16 feet 3 inches aft. (Dishale

From 4 to 8 G. 9n

Treather clear and pleasant, with light to gutte berge from NO. Barometer rising. at 4.09 stopped detilling and got underway standing mt of harbor, Commanding Officer in charge of the conn.
At 4.35 took departine Burton Out Lighthup braining NE. (pc) dictact it of a mile Sab 41°25 h. Long 7.°23 h.;
put one spetial log reading 914 and set the course \$.96. At 510 set for and aft each except flying jet.
arrange he welltime 42.4 Ftram pressure 55 lbs.

WBWhitelery Lientenant U. J. M.

Eusign U. J. M.

Oum 8 P. M. to Mid.

Clear and cool. Moderate to stiff breeze from N. V. Fmorth to moderate following sea. This riding easily at end of watch . Or 9.10 took in main trypail; at 9.45, epaulier and at 10.35 the jet and for trypinch stayail. Fighted a light peobably that of a pilot book on starboard bour at 11.20, which was violetly standing to 4d. and 6d. Quiden steam, neigh boilen A. to and D. accessor steam present out the.

Average revolution 4.2 t. Du course \$9.6 (pc) O.D. Tisdale.

Ensign Q. J. M.

A. B. Me illow, Decitewant & J. M. Navigator.

Examined and found to be correct.

LOG of the United States Thip Essex Third Rate, Making paisage from Premport, R. S. to Barbados, Ch. J.

			Reading	,	WIND.				BAROME	TER.	TEM	PERAT	TURE.	State of	Forms of	Hear ths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	59	1	58.2	9.86	Jt Q4.	4.5			30.15	36	34	33	43	b.c.	cum.	8	n.
2	8	0	66.2			5			30.16	36	34	33	43		cir. cum.	4	
3	7	2	74.4			6			30.17	36	34	33	43			4	.,
4	7	Y	82.3			7-8			30.16	35	34	33	43	"		3	
5	8	2	90.5			6			30.18	36	34	33	47		cum.	2	Q
6	8	0	98.5			6			30.20	36	35	34	50	-1		2	
7	8	D	6.5	£6.	N. N. Ol.	5			30. 22	37	35	34	50			2	
8	9	1	15.6		106.	5			30.23	37	35	34	51			,	-
9	3	0	18.6			5			30.25	38	35	34	133		Cum wint	3	92
10	5	4	24.0			5			30.27	39	36	35				2	
	6	1	30.1			5			30.24	/			59	-	-	3	
Noon.	6	6	36.7			6			30.25		1		59		-	2	-

44. 1 Distance run by Patent by department Course and distance made good since preceding asson by observations, \$3426.	
Course and distance made good since preceding noon by observations, \$34°6.	147 knots. tenths.
(Latitude by D. R.	147 knots. tenths. 39 ° 32 ' M. " 69 ° 29 ' M. "
Longitude by D. R.	69 ° 29 '91. "
Position at Noon: Latitude by observations of O	39 024 1. "
Position at Noon: Longitude by D. R. Latitude by observations of ⊗ Longitude by chionometer from Forenoon Observations of ⊗ No and Noone Position Positi	uvation "
(Latitude by D. R.	39°45'N."
Position at 8 A. M. Latitude by D. R. Longitude by D. R.	69° 51'94."
(Latitude by D. R. Low Jow	39°45'N." 69°51'N." 39°00'N." 68°44'N."
Position at 8 P. M. Latitude by D. H. from Norm Longitude by Chronometer from Afternoon observation	68° 44 '91. "
Current during the time, 8 knots tenths per hour, setting to the Suth	
Deviation of the Compass by Azimuth ⊚ observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , "	0 1 11
Water expended during the preceding 24 hours,	700 gallons
Water distilled during the preceding 24 hours,	700 gallons 400 "
Water remaining on hand fit for use at Noon,	400 "
Coal consumed during the preceding 24 hours,	g tons 185 1bs.
Coal remaining on hand at Noon,	106" 1995"

						T			1	T	T				-		1
P. M.								1									
1	6	6	43.3	96.	101	16	0	0	30.24	40	39	59	59	b.c.	ano wind	2	m.
2	6	3	49.6		,	5	0	0	30.23	40	39	59	59			2	
3	5	8	55.4			5	0	0	30.23	41	40	59	59			2	
4	5	4	60.8			4	0	0	30.22	41	39	59	59			3	
5	3	9	64.7			3-4	0	0	30.17	41	39	56	56	00.		0	
6	3	4	70.1		(U. NO.	3.4	0	0	30.16	41	40	57	57			0	-
7	5	2	75.3			4	0	0	30.17	42	41	58	28			0	
8	4	0	79.3			3-4	0	0	30.16	43	42	58	58		-	0	-
9	4	6	83.9		Obest . Ot. A Ot.	3-4	2	0	30.14	44	43	60	60	D.c.		0	
10	5	0	88.9			2.5	2	0	30.12	45	44	64	64	0.0.0.		0	
11						2-5	2		30.09							0	
Mid.		8				4-6	2		30.06							0	
										1	'						

Commander Louis Kingsley Friday, January 18

, U. S. Navy,

, 1895.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Onidnight to 4 a. On. Partly cloudy. Onoderate to feel breeze from NOV. Barometer variable. On conce & & & with five under birlew A, b. and D. average steam 55- lb. Charletine 42.6

From 4 to 8 0. Cm.

Since to stiff breye from N. Ch. and N. M. Blondy Rough following sea at 6.50 set forward and for and main topically. At each of watch under their sail and steam, using brillies of be and This dying only after 7.00. By order of Commanding Officer changed crucic at 6 to 5. E. per Standard. Fighted two steamer are standing to Fid and Est the other to 4th and Mid. Twenty steam 53 lb. According 41 Released Ploor, (S. M. M.) from enforcement.

From 8 a. M. to Merid.

Cloudy Stiff to first bress from NO. At 8.10 etopsed steaming and callowed first to die introduce bater 6 and 2. Banked first under bother A, and commend distilling at 8.15. Champeld projecte at after empling about 8.40. At 10 a.M. loved maintail. Ander jit, topsaile and forward bounce 96. pc. Temperatur of water first two home not recorded because it was described that the Quatermatter had not made reliable observations. Morderate following sea Lawred smoke stack Samperatur of magazine 57:58: forward, 57:57: aft.

Fred Devid. to 4 P.M.

Oreather cloudy, with fresh to moderate breeze from 4 th Barometer falling. At 12.15 est post clear of mainsail, taking it is at 1.30. This rolling heavily at times to moderate sea from 51 th. Ship ender each alm. Fries backed in briter A. Distilling.

From 4 to 8 P.M.

Onward and Andy Gentle to moderate breeze from N. N. and Oh. N. O. On concer F. Ge. Producte sea from N. H. Or change in sail Feis banked under briler A. A 4.30 eighted in ohe of steamer atom. Banked five under briler A. Distilling.

RALI'S Lale
Suring N. J. R.

From 8 P.M. to Mid.

Dorvers and damp & anable light to fust been from & set to & A. B. Barometer falling.
Demperature of sea water riving. Under jet, for topmast staysail, topsail, forwail and les cleve of mainsail,
on conce & Backed frie in biler & Divilling.

n. 1. Col Emai

Examined and found to be correct.

J. B. Mo ilton, Lieutenant & & M. Navigator LOG of the UNITED STATES

Third Rate,

Making passage from Newport R. S. to Barbados, W. D. Otest 96. 4-6 0 30.04 48 47 45 68 0.e.g.n. 8.7 0 nint 0 14.3 3.5 0 0 30.00 49 47 45 68 2.3 0 0 29.95 48 47 45 68 0 17.7 South 2-3 0 0 29.93 47 47 46 68 0 19.8 N6. 4 0 0 29.85 47 47 46 66 O.c.d. 23.6 \$63/49. 0, 29.80 47 47 46 65 b.e.g.l.d. 4-5 0 29.0 6.NE. 1/2 29.80 48 48 47 66 o.c.d. l.g. 34.2 9.96. 4.5 0 East. 1/2 29.84 50 49 48 66 b.e.g.d. 9. ly 6. 3-5 0 3 38.5 1/2 29.84 52 51 50 67 0.0.p.g.n. 39.3 1-2 0 1/2 29.84 52 52 51 68 \$ ly 6 /2 6. 6. by A. 1-2 0 0 39.3 1-2 0 2 0 39.3 1/2 29.82 53 52 51 69 1-20 12 29.79 53 52 51 69 " Noon. 2 0 39.3

			-		1	-
08. 0 Distance run by Patent.	org.					
Course and distance made good sine	ce preceding noon by observations	96206.	150 k	nots.	t	enths.
(Latitude by D.			38	0 14	'A.	"
Longitude by I	D. R.		68	009	' gt.	"
Position at Noon: Latitude by ob	servations of O	No observation		0 /	,	"
Longitude by	chronometer from Forenoon Obser	vations of O	66	° 40	'24.	"
(Latitude by	N.R.		38	° 22	' N.	"
Position at 8 A. M. Latitude by Longitude by	observationi		66	° 43	' 94	"
						"
Position at 8 P. M. Latitude by C) IR.		66	° 40	' 94	"
	knots tenths per hour, settin	g to the Eart				
Deviation of the Compass by Azim	uth O observed at , ship	's head		0	,	
Deviation of the Compass by Azim	uth O observed at ,	"		0	,	"
Water expended during the precedi	ing 24 hours,			4	00 g	allons.
Water distilled	during the preceding 24 hours, .			12:	00	"
Water remaining on hand fit for us	e at Noon,				00	"
Coal consumed during the precedin	g 24 hours,		1 1	tons 6		lbs.
Coal remaining on hand at Noon,			105	" /3	55	

P. M.																	
	2	2		986.	6.16.	2.4	2	1	29.78	52	51	50	69	0.0.N.	cum.umb	0	911
			39.3	96.	NE. ly N.	5.8			29.76							0	
3	5	4	39.3			6-8	6		29.78								
			53. 2			6-8								b.c.g.			
			59.2			6-8	5		29.82								R.
			66.1		A. ly 6.	6-8	5		29.84							0	
					1	8	6							0.0.q.d.l		0	
1.33	3	0	73.0	96. ly 9.		7.8	6		29.94							0	
	7	9	88.2		North	7-8			29.94							0	
10	8	0	96.2	\$6.	"	89	7		29.95							0	
11						8-9	,		29.99							0	
Mid.	2	1	10.0	98. by 9.		. 8-9			30.00					-		0	
						1	'										

Commander Touis Kingsley Saturday, January 19

, U. S. Navy, , 1895.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Obrid variable in force blowing in squalls from Obest first three home, falling light and varing to North last home Orthogos and varing Andrew jet forceast topsail and levelus of manuchal until 3.30 then hauled up leveler. Engineer force after 3.00 withouthing stern braining to stop a loud and almost continuous wrise produced by shaft Institling with builted free under body A.

Geo. Rlean Le Lieutenant W. J. M. blody Overcal fiel and third hone Light duyling rain at intervale dighting middle part benth to moderate been from Each to No. blowing of fi w occasional equally at 430 art for tremark stayout at 530 art aparter and at 630 art angle refer manual. Backed five under boles A. Distilling Arma of watch under jet, for topment etaposil, foreail, topsaile and engle nieted married

Or eather orward and cloudy with passing rain squally. Sight aire to light heyr from East to E by A. Saconta folling. Or Bruke, but was pleased in college Orfinians in dollar now for 15 days with fill ratio very fifth day in accordance with sentence of a Funnary bout Madial. At 9.00 hauled in patent by reading 39.3 At 11 took in the equality of regain for reper which was carried away. They reliand heavy at truth to long well from FIC. Est clock about y number between 11 and 12. Dichtling with five banket under boles 4.

WBWhielelorg Lieutenant Ol. J. M.

Oricast Light breeze to moderate gelv from 6.46. to 46.by N. Barometa vieing at 20 clock took close reef in the topsails, double reefed the foreast, bouled down the jit and set itom onzies. As end of watch under close reefed topsails and by sufed foreast, for topmact stayout and storm onezer, or consu 86. For up and but for storm stayout. Feel aloft previous braces. Banked free in brile & Distilling

W & Coleman 2. S. W.

From 4 to 6 P.M.

Deed breeze to moderate gale from A.E. by N. t. N by E. Oncard. Rough sea. Examite viering. Produce same sail as at send of preceding wrotch. Frein banked under bother it for distilling.

Oune 6 to 8 G.m.

Overcast and clody Lightning. Occasional diggling rain frist hom. Very fresh breze from A. by E. weersang in agualle to module gale all 7.35 changed comes to F.E. by G. Chuder came each as in generaling wortch. Distilling with five backed indee bales it. Rough esc. Howall Sentewant Ch. J. M.

Gene 8 P.M. to Mid.

Weather clondy. Moderate to etiff gale from North Baronete neing Ut 9.00 took in atom mazien and changed course to FE Rolling hearly to away sea from North. At 11.40 eligiped heavy sea one lee rail braking sed cities about anying away the gig, bring it entirely. Changed course to FE by 9 Dries housed in bother't Distilling WBM tiresthay WBM tiresthay.

J. B. M. centural & S. W.

Luitenant U JA Navigator

LOG of the UNITED STATES

Thip Essex

Third Rate,

Making	passa	ge from Phewy	eort, R.J.	to Bail	rados, W.S.
V					

			1 0	0 0						_	-						
			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	TURE.	State of	Forms of	Clear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sec
A. M.	77	0	20.1	96.129	I orth	8-9	/0	0	36.03	50	49	48	66	b.c.q.	cum mint	6	B.
	7	9	28.0	98.		8-10								b.c.9.N.	"		
	7	6	35.6			8-10	10		30.06						"	6	
4	7	6	43.2	98.129		8-10	10	0	30.08	49	48	47	67			7	
	8	0	51.2	1.		8-9	10	1	30.10	49	48	47	67	b.c.g.	"	+	X.
6	7	8	59.0	96. ly 9.	A by 6.	8-9	10									4	
7	8	1	67.1	. 0		8-9	10	1	30.14	50	48	47	67	b.c.q.1p.		2	
8	7	0	74.1	9.96.3/46.		7-9	10	1	30.14	50	49	48	67	b.c.q.	4.	2	
9	7	1	82.2	96. by 9.	North	5.8	Roll	0	30.22	51	50	59	66	bc.q.p.	"	4	
10	7	1	88.3	"	n	5.8		0	30.24	52	51	50	66		"	5	
11	6	9	95.2			5.7		0	30.24	53	53	51	66	"		5	
Noon.	6	8	2.0		A by Ol.	4-7	17-35	0	30.24	55	57	54	66			5	

				-
66 9 Distance	new by Patent Long			
Course and distance	e made good since preceding noon by observations, \$\mathcal{F}_6 \sqrt{3/4}\mathcal{G}	200 knots.	tenths.	
	Latitude by D. R.	36 0 18	'A. "	
	Longitude by D. R.	64014	· Ot. "	
Position at Noon:	Latitude by observations of ⊙	35 ° 36	' Nr. "	
	Longitude by chronometer from Forenoon Observations of ②	64001	'Ot "	
	Latitude by D. R. Low Now	35°56	'.M. "	
Position at 8 A. M.	Latitude by D. R. from Norm Longitude by observation o	64° 25	94. "	
	Latitude by D. R. furn Now	35°09	'N. "	
Position at 8 P. M.	Latitude by D. R. Jum Now Longitude by D. R. Jum Now	63 ° 08		
Current during the	time, 43 knots tenths per hour, setting to the Ply 6.	26.		
	ompass by Azimuth O observed at , ship's head		,	
Deviation of the Co	ompass by Azimuth O observed at , "	0	, ,,	
Water expended du	ring the preceding 24 hours,	4	oo gallons.	
Water distill	during the preceding 24 hours,	15	00 "	
Water remaining or	a hand fit for use at Noon,	23	00 "	
Coal consumed duri	ng the preceding 24 hours,	1 tons 3	20 lbs.	
Coal remaining on l	nand at Noon,	104 " 10	35 '	

-		T	T			T		T	1	T	T				T		
P. M.				Ø8 0 Ø													
1	3	2	8.5	96. l, 9. 96 l, 6.	101.	4-5	9	0	30.22	55	56	54	66	b.c.q.p	cum. mini	0	H.
2	5	3	14.8	96		4-6	9		30.20							0	
3	5-2253	4	21.0	96 ly 8.	1.19.	4-6	10		30.20							D	
4	3	0	24.0	TE. ly &.	"	4-6	10	0	30.18	54	53	50	67			2	
			33.8	98.		5.8	10							b.c. q. a.l.		3	R.
6	7	2	41.0	96. ly &.		5.7	10							b.c.g.		7	
			47.9			5.7	8		30.25							8	
	6		54.5			6-8	10		30.27							6	
9	6	8	63.3	96.129.		6-8	10							b.c.g.n.		6	
			67.1		1.9. to Q. 101.				30.29							7	-
			73.9	96.126.		5.7			30.29							7	
Mid.			80.8			5.7	10		30.29							6	
		1				1			1				-				

Commander Louis Kingsley Sunday January 20

, U. S. Navy, , 1895.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. CM. Choduate gale to gale from North Baronete vieing Ship rolling beauty maximum with 35°. At end of watch under for topmast staypail close refer topsail, and doubt refer foreail, on conce & E. by & Banked free in boiler A Distilling. The Creek Energy & A. C.

Oron 4 to 80 M.

Onoderate to strong gale, blowing in equally from North and N. by 6. Norm showing latter part of watch. Party cleaning. Rainline channes to Nich Inture 7.30 and 800. He say see, Phyloselling deeple at nitewale taking light eras was been all Judes for topuses staypail, close relied for and main topocite, and doubt reefed forward. Distilling with fire banked under bales it.

Dem 8 a me to Meid. Bleav. Moderate to stiff breeze from I by W. and Sorth, Blaving moderate gale Le Lieutenaut M. J. R. in frequent agually accompanied by rain flurier. At 11.40 chorts one ref met of foresid with their addition under came each as in preceding wretch. Rough sea from North Phip making good wrather of it. Maximim will to unadured 17° and to bewood 35°. Conser 9° 6. by 9. po. Distilling using boiler it.

Thursell J. F. M. Sentenant O. J. M.

Our Merid to 4 P.M Cheather cloudy cleaning writead. Porducte to fresh breen in aqualle from N. Ch. to N. N. Ch. Baroneter falling. At 12.30 changed brown to FE. ly E. and at 100 to FE. Auruning off from The ly E. t. FE. to form the sail Flip willing heavily to emph sea from N. N. to North Region in the whale brak. Dues banked in briles of for distilling.

WAN Fredericas WBWhitelorg Sentenant W. S. W.

Oum 4 to 8 4.90. Elindy to clear, with passing rain equally Itiff beezer and beary equally from 4.4%. Comme TE and It by E., running off the corner at time to brind shipping each. Cough sea from Morth. This rolling deeply at times. In change in sail Banked fire under bole of Distilling.

Partiodale Enign O. 4.9.

Drow 8 P. M. to Opid.

Cloudy, cleaning at times. Stiff to very fresh breeze from N. N. O. to O. N. O. Baronete steady. Stopped distilling at 120 cbook. Sea single. Philip bolling convolutely. Banked free under bole of .

Fame cails as in preceding watch.

My Col Eman

Examined and found to be correct.

J. B. Moilton, Steatenant Ob & M. Navigator

LOG of the UNITED STATES Thip ESSLEC Third Rate, Making passage from newport a. S. to Darbadon, V. D.

				1 0 1	-	0											1
			Reading	0	WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Hear the.	o Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.		8		OS 1 d	St W.	1 -								0 -			0
1	6	7	87.5	96. ly 9.	JUCW.	6-7	9	0	30.27	33	53	50	67	b.c.g.	cum.	8	æ.
2		0	94.5	96.		6-7	9		30.27					•	"	8	"
13	7	7	1.2		Jb. N. W.	5.7	9	0	30.27	22	54	52	67		"	7	-
4	6	8	8.0	,		5.7	9	0	30.28	55	54	52	67			7	
5	6	8	14.9		.,	4-6	8	0	30.27	55	55	52	67			6	m.
6	7	0	21.9			4-6	8	0	30.28	56	55	52	67			4	
7	7	6	29.5	96. ly 6.	A by W.	4-6	8		30.28					,		4	
8	7	5				4-6	8		30.29				67			4	
9	1	0	44.0		N. N. W.	4.6	8	0	30.34	59	57	54	67		cir.	6	
10	5	2				4-5	6		30.36						cum nimb	5	
11		5	1.1.			5-6	4		30.37							5	
Noon.		6	61.3			5-6	4							b.e.q.p.		4	
										1							

				-
1	58 2 Distance	num by Patent Dog	/(a / knots. to	enths.
	Course and distance	made good since preceding noon by observations, \$6.6, 6.46.		
		(Latitude by D. R.	34 ° 29 'A.	"
		Longitude by D. R.	61 0 14 '04.	"
	Position at Noon:	Latitude by observations of Θ	34° 13 'N.	"
		Longitude by chronometer from Forenoon Observations of ②	61° 10 '04.	"
	D	Latitude by D. R. Linn None	34 ° 23 'A.	"
	Position at 8 A. M.	Latitude by D. R. firm Non Longitude by Observation 0	61°37'84.	"
	Desiries at 8 D M	Latitude by D. R. from None	33 ° 40' N.	"
	Position at 8 P. M.	Latitude by B. B. from Norn Longitude by Chenometry from Afternoon observation of time, 1 [knots tenths section, setting to the Fl. &	61 0 04 94.	"
	Current during the	time, 16 knots tenths per hour, setting to the \$ h &.		
		ompass by Azimuth ⊙ observed at , ship's head	0 /	
	Deviation of the Co	ompass by Azimuth O observed at , "	0 ,	"
	Water expended du	ring the preceding 24 hours,	400 g	allons.
	Water distilled	during the preceding 24 hours,	700	"
	Water remaining or	n hand fit for use at Noon,	2600	"
	Coal consumed duri	ing the preceding 24 hours,	1 tons 486	lbs.
	Coal remaining on	hand at Noon,	103 " 555	

P. M.																	
1	5	7	67.0	\$6.	101. by 1.	4.5	0	0	30.35	59	60	55	67	b.c.	cum wind	5	940
			73.0	9.96.		4-5	0	0	30.35	61	62	57	67			6	-
3	5	4	78.4	4		4	0	0	30.32	61	62	57	67			6	
		3				4	0	0	30.33	61	61	56	67			5	-
5	5	0	88.7		N. N. Ot.	4-5	0	0	30.35	60	60	56	67			5	
6	4	8	93.5			40	0	0	30.35	61	59	55	67			3	
7	4	9	98.4			4.	0	0	30.35	61	59	54	67			9	
8	4	4	2.8			4	0	0	30.35	60	58	54	68			9	
9	4	3	7.1		104.	4	0	0	30.35	59	58	54	68			8	L.
10	4	0	11.1			3-4	0	0	30.35	59	58	54	68		-	9	
11	3	4	14.5		A Q1. by Q1.	3-4	0	0	30.36	59	58	53	68			9	
Mid.	2	7	17.2		CU. 1 & .	3	0	0	30.36	59	58	53	67			9	-

Commander Louis Kingsley Monday, January 21

, U. S. Navy, , 189#.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Fill to vrry fresh bress blowing in Dair with bright starlight. Brugh sea! Under for topmast stayed topeast and duight reefed forests. This rolling easily. Bankish f	
Stiff to very fresh breeze blowing in	squalls, from NOt and N. 49
top color and ruight eveled loreally This rolling early Back of	Il, close reefed for and main
Spenier man angle surface from the staff strong strong s	rear Claure
	Ec. Lieutenant & S. R.
Jum 4 to 8 a. On.	
Course 96 lo & 10.0. At 5.30 about my ret out of foresail four tores	ig fresh in aguallo. Moderate era.
topsail. at end of watch under foreart, doubte reefed for topsail,	enigle reefed main topsail and
Elean Oroduste breeze from NN VI. and N. by VI. Bloom Come 96. by 6. p.c. At 5-30 aborts me ref out of foreail, four topes topsail. At end of watch under foreail, doubts refer for topesail, for topesail, Banked fire under boles of.	NO
	Percell & S. R.
A	V 40 Comman 40.0.41
From 8 a. M. to Merid.	water to look bound on A MOL
Barmeter rising at 9.30 started distiller hind and sea moderating	not heavy vollers coming in every
few minutes. This under sail alone is at end of last watch I buyer	water of magazines 59:59° forward
Bavonete rising at 9.30 started distiller Ruid and sea moderating of few minutes. Philip under sail alone se at such of last watch I lugues of 1 and past watch I lugues of 1 and 1	1148110
	WBWheelszy Lieutwart W. J. W.
From Meids to 4 P. M.	
Generally clear and pleasant Fiff and moderate,	heres from A. M. by N. Come 96.
me seet in low torseal and at 3.5 chort on all reck in torseals	leaving chip under toppsails foreail
and for trums staypaid. at 2.00 eighted brigaritie in etarband bow	standing to Ed., and at end of
Generally clean and pleasant. Fiff and moderate, until 10 clock when it was to 9.95 (pc.) Rough to moderate rea from one ref in for topical, and at 3.15 chook out all ref in topical, and for topical and at 1.00 eighted longuiture in etailorand bounded on of eight on pool for. This colling deeply at times. Backed of	fice under biles it Destilling
	approduce
	Por Eusign U. J. W.
Our 4 to 60.90	
Partly cloudy and placent. Field to moderate breev places and to topicale except manual and especies, or course 9.85. Di	tilling with banked fires in boiler it
,	
	N Dol Emign 9, 5%.
B 11000	Gusign V. F. W.
Grow 6 to 8 P. 9N. Onoderate been from N. N. O. Bleav and pleasant. Under f foresail. Ityped dictilling at 7.40 and allowed frier to die not. Ocom 8 P. Ga. to Olio.	on topmask stancail torreals and
foreall. I tryped distilling at 7.40 and allowed frier to die out.	and the same of th
Gu.	Racarl Mida
Oron 8 C. On. to Olid	deellewall U.J. M
Clear Gentle to moderate breeze from N. N. to ON.	NOV. Come J. JE. (pc) Under same
Osom & P. M. to Olio. Clear Gentle to moderate breeze from NON to ON. soil as in preceding watch. Long unever surll from No.	N.P. WIL
	Dercell Goo Sientewant Ou & M.
Examined and found to be correct.	
	Leitewart U. J. W. Navigator
4.2%	Levitewant Ql. J. W. Navigator

LOG of the UNITED STATES

Noon. 7 0 77. 1

Third Rate,

九

OG of the United States Thip Essex & Making passage from Phenzort, R. S. to Barbados, M. D. 9.96. 0 30.35 60 59 54 67 6.0. 04.194. 15 18.6 0 Olest 3.4 0 0 30.33 60 59 54 67 8 21.9 40 0 30.33 60 59 54 67 26.4 3-4 04.904. 0 30.31 60 60 55 67 30.6 3-4 0 3-4 1 30.27 61 60 55 67 35.0 9 E. by 9. 904. 3.4 0 1 30.24 62 61 56 67 39.8 1 30.25 62 61 56 67 45.1 5 3 96:129. 5 0 1 30.26 62 61 56 67 3 51.2 96.49. 12 30.28 64 64 58 68 57.1 5 0 5 3/4 30.26 65 67 58 67 63.7 10 96. ly 9. 6 70.1 12 30.27 66 66 60 68 0

12 30.23 66 65 62 67

	were new by Patent Loz	
Course and distance	e made good since preceding noon by observations, 9.96.346.	128 knots. tenths.
	Latitude by D. R.	32 ° 50 ' 1. "
Position at Noon:	Longitude by D. R.	59°36'94."
Position at Noon:	Latitude by observations of O	32 ° 27 ' N. "
	Longitude by chronometer from Forenoon Observations of ③	32 ° 27 'N. " 59 ° 51 'W. "
Docition at 8 A M	Latitude by D. R. June Now (Longitude by Observation O	32° 41' N."
		60 ° 18 '94. "
Position at 8 P M	Latitude by D. R. Jun Nom Longitude by Chenometer from afternow observation o	31 ° 55' N. "
100111011 111 0 1 1 111	(Longitude by Chimometer from afternow observation 0	59 ° 01 '84. "
Current during the	time, 27 knots tenths per hour, setting to the FU. ly S.	. ,
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 1
Deviation of the C	ompass by Azimuth O observed at , "	0 / "
Water expended di	uring the preceding 24 hours,	600 gallons.
Water distr	Used during the preceding 24 hours,	600 "
Water remaining o	n hand fit for use at Noon,	2600 "
Coal consumed dur	ing the preceding 24 hours,	tons 1440 lbs.
Coal remaining on	hand at Noon,	102 " 1355 '

													-				
P. M.																	
1	7	3	84.4	96129	991.	5	4	0	30.20	65	65	59	68	b.c.	cum wint	1	91
2	7	8	92.2	0	,	5			30.19						-	3	
3	8	0	100.2	"		5										4	
4	7	9	108.1		904. ly 04.	5.6	4	0	30.19	66	66	61	68	b.c.g,		4	-
			13.4	9. 96.126.			4										-
6	5	5	18.9	96. ly 9.		5.7	4		30.19							7	~
			24.4	98.129.	PVV.				30.19						cum.	7	
			29.9	"					30.18							7	
			35.1	96. by 9.	99. ly 24.		4							b.c. 9.10	eum mint.	5	
			40.2	. 0	Fally a.	5.6	4		30.20							5	-
			45.0			5.6											
Mid.	5	0	50.0		4,	5.7	4								,		
						/				1			1				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midwight to 4 a. M. blear and pleasant. Eight airs to gentle breeze from NNC to CA 94. On cours F. F.E (pc.) at 115 set jet and mainsail. Long surll from the Nd. at 3.15 eighted a steamer on port box, standing to NOW, and which present within a mile.

Physicale Ry Eurign Qu. S.M.

200 Eusign Q. S. M.

n. 1. Coleman

From 8 a. On to Merid.

Stiff to freel breey from I Dr. Partly cloudy and pleasant Mustered crural equation at 10.00, tuned in nain clother and rubber both, and instructed apprenties in district after each found them in working order and after magazine. Thebat storm early and set sparker. At end of water we starboard tack, under for topenate staryail and plain each to topenate secrept as single next we managasil. Appunitive at the wheel Desuperature of magazine brown, forward, brown, brown, aft.

Che Resident Qu. S. M. From Oneird to it P. M. Slowly to clear . Fiff brey from F. M. and F. Ch. by M. successing to feel brever in equally last how. Smue F. F. p. at 3.40 called all hands cuf topsails Engaged in nesting at end of watch Ow starland tack during witch with your briesd in about a point. Mordinate was Exercised and instructed starband which of appendice from 1.15 to 3.40 G. M. we seemanchip, gunney and gymmetric appendices at the whal.

Herell . Suttement Q. J. M. Our 4 to 6 4.9m. bleav and pleasant. Itiff to very fresh brogge in aqualle from IN by & Emished refug topsails and foreside and trove we sparker at 4.10. Steering by the und, or starband tack Onoderate sea fine I. It a cometer steady. Ol Sindale

Queign ON S. M. Dean 6 to 8 9.90 ... Decign &
Finn 8 P. In to Mid Stiff to my fresh breeze from I & by I Fair and placeaut Bright starlight Ou starband tack under for topmast staysail, Anthe refer topsails, and suight refer foresit. Ousign M. S.M.

Gen R Ceaux Leutenant W. J. M.

> J. B. Meiller, . I Lentewart Qu & Dr Navigator

Examined and found to be correct.

LOG of the UNITED STATES

OG of the UNITED STATES Phip Essex Third Rate, Making passage from Newport Q. I to Barbados, Oh D.

			1		0												
			Reading		WIND.				BAROME	ETER.	TEME	PERAT	URE.	State of	Forms of	Clear Jths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.		9		9 E. by 9.	991. ly 94.	5.7	5		30.19	1-	1.~	1.3	68	b.c.g.	Cum min	. 4	m.
2	5	8	59.9	0 6. W V.	w. cy w.	5.7	5		30.17						",	4	·m.
2.30	3	5	65.6	9 6. ly 6.		5.7	5		30.15							5	
4	6	9	72.5	. 0		5.7			30.13							4	æ
5	5	4	78.9	96.126.	"	5.7	5		30.13							7	M.
6	-	8	90.4	\$6. ly 6.	991.	5-6	5		30./2	1					cir.cum	5	
8	5	5	93.2	0		5-6	5	1	30.13							4	-
9	5	5	97.0	"	991. by 9.	5.7	5	1	30.17	. /	69		68			5	
10	5	3	7.8			6.7	5,	1	30.19		70	66	68			5	
Noon.	,	0	13.8			8	5-	1	30.16	. "	,					6	

141 . Dietauce run by Patent Log Course and distance made good since preceding noon by observations, 96. by 6. 1/26. 149 knots. 31 ° 19 ' N. " 57 ° 31 ' W. " (Latitude by D. R. Position at Noon: Latitude by observations of O 31 ° 17 ' N. " Longitude by chronometer from Forenoon Observations of O 570 18'94. " Position at 8 A. M. Latitude by D. R. firm Now Longitude by observation 0 31 ° 22' N. " 57 ° 43'04. " Position at 8 P. M. Latitude by D. R. Leves New More 54 ° 03 91 " Current during the time, // knots tenths per hour, setting to the 6. by 9 Deviation of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at 400 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, . 2200 Coal consumed during the preceding 24 hours, tons / 440 lbs. Coal remaining on hand at Noon, 102 " 1355 "

1							1												
P.	M.																		
	1	5	7	20.5	96. hy &.	991.	7-8	5	1	30.13	69	70	67	68	b.e. 9.	air.eum.	7	R.B	
1,2	2	20	18	20.5 22.2 Italked in	96. ly &.											,,			
								5											
				,,			8	5	8	30.16	69	69	66	67		wint.	0		
			0		\$6. by \$.	901. ly 04.		5	8	30.17	68	68	66	68		cim	1	~	
	6	1	0	-		"	6-8	5	8	30.20	68	68	66	68		etial wint	1	-	
	7	0	5		9.86.		6-8	5	8	30.24	68	68	66	68	b.c. q. l.	cum uint	1		
-	8	٥	5				6-8		8	30.26	68	68	66	68	0.0.9. N.l.	wint:	0		
	9	1	0				6-8	5	8	30.25	63	63	63	68			0	-	
1	0	1	0				6-8	5	8	30.22	64	64	63	68	b. e.g.	cum reint	3		
1	1	1	0			Q1. 9 (N).	6-8		8	36.23	66	66	64	68		-	4		
M	id.	0	5-	1		ON by of	6-5	5	8	30. 20	66	66	65	68			2	-	
		1				0.												1	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Oridright to 4 a. M. ... Stiff brey from 90 by 0. blooming my fresh in equally bruce 9.76. Oluder same each as in prevading water at 2.30 han off to 96 by 6. p.c. in account of increasing brane sea. apprintives at the while.

Frank 4 to 8 a. M. Cartly clean. Itiff and fresh breezer from I & by & and I w. in equalls.

Onoderate I a by sea. Consuly the wind on staturand track, running off from 1 to 2 points on account of sea. One change in said. This rolling early.

On the change in said. This rolling early.

On the change in said. This rolling early.

On the change in said. This rolling early.

From 8 a. M. to Mendy but pleasant. Itiff breeze to moderate gale from 9 % by 4. Baroneto variable.

Quedes double reflect togerable, for togerach stayeail and enigle reflect foreail, heading 9 6. by 6. bonne
9. 96. Temperature of magazine 62° 62° forward, 60° 64° aft.

7. P. Col Em an
200 Enign % 90.

From Preside to 4 P. On.

Ory first breeze increasing to moderate gale from P. P. Fair first part, oracast last how Propose insight was a let 1.15 called all blands took in and furth for topmast starpail tops and forcial forcial for and forcial said took of many trypic and start and tack diffing to 1/6 But for storm starpail Flip willing at intended deeply but easily, and hadring from 98 to 96 by 6 Rouled in potent log at 120 reading 222 apprehime withouting clothing and souring on watch marke.

The extremely the P. See and Secretary and secr

From 4 to 6 P.M. . Shorty Fresh to very fresh wind from IN by & blowing a moderate gale in equally. Comply looken een Lagring to under man trysail, atore migger and migger street superil (latter but at 42)

Leutenant On & 9.

From 6 to 8 P.M.

Cloudy to vowered Freek breeze to moderate gele in equally from FC. Pain equalle. Lightung from FC to WE. thingh North Rough sea. This willing beauty at time To change in vail tying to metabound tack.

Eurign W. S.M.

From 8 4.9% to Orido.

Overeast and raining field part blearing toward latter part Throdust gets to exifter from 9 9 by 64. to 64 ft Balometer felling Under same sail as presenting wetch receipt head of man tryeate, lying to be dring once 9.96. Or go closer banked down head of main tryeate.

n I baleman

Examined and found to be correct.

J. B. Me Mon, Lieutenant USPK Navigator.

LOG of the UNITED STATES Thip ESSEX Third Rate, Making passage from Preciport, R. J. to Barbadon O. D.

				0 0	WIND.				BAROME			PERAT	URE.	State of	Forms of	Clear oths.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	16	7	Hauledin	986.	94. F. 94.	5	5	8	30.21	66	67	65	68	0	cum resid	0	Q
2	0	8	or iddle as			4	4	8	30.20					0.9.		0	
3	0	5				3	4	8	30.20	64	65	64	67	0.		0	M.
4	0	5	,.			3	4	8	30.22	66	65	65	67	b.o.		8	
5	0	5		\$ ly 6.	Of est.	3	4	8	30.20	66	66	65	67		cum etral	7	W.
6	1	5		9 E. ly 9.		3	3	4	30.21	66	66	65	67		"	8	
7	,	0 .		9.9 €.	6.	2	3	4	30. 22			64	68		-	8	-
8	0	7				2	3	4	30.25	67	66	65	68			3	
9	0	5-				0-/	0	6	30.30	68	66	65	69		cir eum	5	L. Sur
10	0	5-				0-/	0	4	30.33	68	66	65	69		mint.	3	-
11	0	7				0-/	0	4	30.34	68	66	65	69		eir. eum	. 5	
Noon.	-	F.		Chearing ships		0-1	0	0	30.34	68	66	65	69			7	

25. 7 Distance rum la Sra	
Course and distance made good since preceding noon by observations, & 3/4 9.	25 knots. tenths.
(Latitude by D. R.	31 ° 22 ' N. "
Longitude by D. R.	56° 51' 94."
Position at Noon: Latitude by observations of ②	31 ° 15 'N. "
Longitude by chronometer from Forenoon Observations of @	56°47'84."
(Latitude by S) 18 how Nom/	31 ° 16' N."
Position at 8 A. M. Latitude by S. R. from Som	56 ° 49 '94. "
(Latitude by D. R. Lum Now	
Congitude by Llynn outer from alternon observation o	56 ° 41 'W. "
Position at 8 P. M. {Latitude by S. W. Lone Now Longitude by Eleverand Jane Oftener of Secretary Control of the control of the following the time, g knots tenths per Lour, setting to the F. F. E.;	46.
Deviation of the Compass by Azimuth O observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , "	0 / "
Water expended during the preceding 24 hours,	400 gallons
Water during the preceding 24 hours,	"
Water remaining on hand fit for use at Noon,	1800 "
Coal consumed during the preceding 24 hours,	tons 6 40 lbs.
Coal remaining on hand at Noon,	101 " 1515 "

P. M.																	
1	_	-	Hauled in		91.1.91.	1	0	0	30.26	69	68	65	69	b.c.	cir.cum	Ÿ.	9.
2	1	8		9.96		2.3	0	0	30.26	69	71	67	69			8	
3	2	0			NOt.	23	0	0	30.26	69	70	66	69			9	
4	2	0				2.3	•	0	30.27	68	70	66	69			9	
5	1	5				2	0	0	30.28	68	68	65	68		-	8	-
6	0	7				2	0	0	30.28	68	68	64	68	1,		9	
7	0	6			Ch. 194.	2	0	0	30.28	67	68	64	67			9	
8	0	6				2	0	0	30.30	67	67	64	68			8	
9	0	3				0-1	0	0	30.33	67	67	64	68	b.	none	10	,
10	0	5	,,			0-1	0	0	30.34	67	67	64	68	,	,	10	
11	0	5-				0-1	0	0	30.33	67	67	64	68	b.c.	cuw.	9	
Mid.	0	3	-			0-1	0	0	30.33	67	67	64	68	b.		10	-

, U. S. Navy, , 1895.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Medright to 4 a M. Stiff to gentle brien from 94 904. Ouroast until last how then cleaning weather. Heavy rain show about 1.00. The moderating Lying to a starbard tack, under stone might, mugge atoms stayear and fool of main tryonil, heading alms I I.E. Pea Release Ou S. Ou.

From 4 to 8 a. M.

Dair to clear. Light to gentle breep from Obert. From 5 to 60' clear breed sail close ont reefe of topsails and friends. At end of watch under plain sail to topsails with anyline free manusail. At 60 m. troth in main typail, kept atom earle heited to dry Heavy inegrals sea. Ernee 9.96, p.c. appendice at the wheel.

HP well & Sientenant On S. M.

Timo 8 a. M. to Mend

Grain and pleasant. Eight Pleatenly airs. Conce 9.96. (pc) Barely sterageway at q.30 quarter for muster and ineffection and exercised apprentice per writine. At 11.35 how to, attempted to pick up a hammock dropped variously filled away at 11.45 and their proceeded to war aligh, at 120'clock heading with, yards braced charp up on part tack, keep married hauled up, at apartles. Smooth een, but mortuale evalt from 9.90 Janiperature of magazine 64°65° found, 66°66° aff. Queign U.S. N.

Promo Merid. to 4 G.M. Partly cloudy and pleasant. Sight aire to gentle bery from Ot NO. to NO. Barmete steady. Even secultred between long teacher of brate at 12.30 were ship from beading N. No. to 9.96 and trok in spanser at end of watch under jit, for typeract stayout forward and toposite, m come 9.96. Apprentices at wheel.

Ny Coleman Enigo W. J. M. From 4 to 69.9%.

Light breeze from 19. Elean and pleasant. At 5.40 called all hands and took a single ref in the topsails at sub of writer on concer 9.98, under jet, for topsails trayeast, foreast and single reefed topsails. Enfined P. Poro (P.M.M.), for the night in continuation of quinchment.

Leitenaul U.S.M. Oum 6 to 8 9. M.

Clean. Light breye from 9. 19. Ounder same said as in preceding witch bours & & & (p.c) apprentices at the wheel. Thursell Treatment 94. 9. 9.

Dem 8 PM. to Mid. Generally cloudber Pleasant. Balmer and light aire from MAN. Course I 86. Souroth sen. Dong will from Ma. No change in sail. RA. Lis dale . S. M. . Eneign Q. S. M.

Examined and found to be correct.

J. B. Million . Lentengat Ch & M. Navigator.

ROL

Third Rate,

of the United States Thip Essex. To Making grawage from Phenzport, R. I to Barbados, M. J.

			my	0 1 0													
			Durding		WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	Forms of	Clear oths.	of the Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of th
A. M.		8	Harled in	P. F.E.	Q. J. Q.	,	0	0	30.35	67	66	63	68	f.	nne	10	8
2	0	5	Waster W.	0,00.	101.	1	0	0	30.35	,			68	b.c.	cir.cum	100	
3	0	5			North	1	0	0	30.34	1			68		"	9	
4	0	5			Or. N. O.	1	0	0	30.34	66	65	63	68		,,	9	
5	0	5			"	1	0	0	30.34	66	65	63	69			9	L.
. 6	0	5	-			1	0	0	30.34	67	66	63	69		cir.stial.	8	.,
7	0	5			North	1	0	0	30.36	68	66	63	69		п	8	"
8	0	5				1	0	0	30.39	69	66	64	69			7	
9	1	3			N6.	2	0	0	30.45	69	67	64	69			4	
10	1	3			,,	2	0	0	30.44	69	68	65	69	"		4	
11	1	2	-			2	0	0	30.42	70	69	66	69	*		3	
Noon	. 0	9				1	0	0	30.40	70	69	66	69	,	-	2	
	1						-	-	1	-			1	1			

19.5 Distance new by Log. Course and distance made good since preceding noon by observations, 9963/46 20 knots. tenths. 30 ° 56' A." Latitude by D. R. Position at Noon: Latitude by D. R.

Latitude by observations of \odot 56 ° 33 'Ot. " 30 ° 54 ' N. " Longitude by chronometer from Forenoon Observations of @ 56 ° 33 '94 " Position at 8 A. M. Latitude by J. R. furne Norw
Longitude by Observation 0 30 ° 58' N. " 56 ° 36' W. " Position at S. P. M. {Latitude by D. N. furm Norm/ So ° 49 'N. Longitude by Character furm) Oftenand observation 0 56 ° 29 'W. Current during the time, 2 knots teaths per hour, setting to the Groth Grandwing of the Compass by Azimuth © observed at 4 (7%, ship's head \$\frac{1}{2}\tilde{\chi}\ti 30 ° 49 ' N. " .56 ° 29 'W. " 1º 12 ' W. " Var. used 12º 20' W Deviation of the Compass by Azimuth O observed at 4 P.M., 400 gallons Water expended during the preceding 24 hours, during the preceding 24 hours, 1400 Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons 640 lbs. 101" 875 Coal remaining on hand at Noon,

	-																
P. M.															-		
1	1	2	Hauled in	9.88.	1.16.	1	0	0	30.41	69	68	66	70	b.c.	cum unt	1	£
2	1	0				1	0	0	30.42	69	68	66	70	4	nint.	3	
3	0	8				1	0	0	30.42	69	68	66	70	"	-	2	-
4	0	9	-			1	0	0	30.44	68	68	66	69		-	2	
5	0	5			North	1	0	0	30.43	68	68	66	69			2	9
6	0	3				0-1	0	0	30.43	68	67	66	69	*		3	-
7	0	6			1.101	1	0	0	30.44	68	67	66	69		"	3	-
8	0	8	,,			1	0	0	30.44	68	67	66	69	bep.	,,	4	-
9	2	5			J.N. &	3	0	0	30.44	67	67	66	68	be.		8	-
10	2	3	-			3	0	0	30.44	67	67	66	68			7	
11	2	2	.,		AG.	3	0	0	30.44	67	67	66	68			8	-
Mid.	2	2				3	0	0	30.43	67	67	65	68			8	

Commander Louis Kngiley Friday, January 25

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midwight to 4 a.M. Elsan and pleasant. Bright starlight Light variable airs from Ch. N. Ch. to chosts. Baconster falling elightly. At each of watch haden for topmark stayeast, jet foresil and single relad topsails, in colour 9.96. They barely under steerageway during watch appendices at what

From 4 to 8 a. M. Light sive fem: Oh. N. B. and North Fair and pleasant. Long evel from M. N. M. Thork rule ast of topsails at 5.10. At end of watch on come I. F. under fit topsails and foreal bouled show for topsail etaysail at 5.10. Alland P. Core, G. M. M.), from confusional appendices at the while

From 8 a. On to Growd.

Structural W. Sh.

Structural of Structural of Clean. Light airs and breen from No. at 9 30 mustered at granters for inspection. Exercised at carting, love and perioding. Divisions reported around time as follows. Toward Product, mine: 30 sec; after Goods Div. 2 mine: 15 sec; and Div. 3 mine: 30 sec; after Goods Div. 3 mine: 30 sec; after Goods Division and instructed and instructed apprentice in securing up and drown light yards. Every different and brut gran, then sold light early flying jet at end of watch under jet and all equal sails except manual. Come 9.9 6 (pc) apprentice at the whele Imperation of magazine 66 66 formark 68 2 69 2 aft.

From Presid to 4 9 Mr.

Cheather cloudy, Int mild and pleasant, with light air from N. N.E. Baronete viering
They under all plain each to week, except flying jit, manusan and apartin Fleening a course.

WBWhiteless Q. J. A.

Dum it to 8 PM.

Stewally fair and pleasant. balus and light and from it is to it is to be bruce I I Expect.

At 5 so called all hands reef topically and exercised even; fuled royally and topicals early empty areful topicals hands up forward, bearing the chip under empty reefect organis and jet I morth readings name equally during last hour. Special Broad of Surry of which Pa I want to Bride Is I was senior mentor, and and continued fine lover of broad, which was throw or load by order of broading lefters.

At I want Energy Is I M.

Own & All to Orid.

bleav and pleasant Gentle been from N. N.E. to N.E. Bacometer steady. Under jet,
foresist and enigte refer topicals, or conce I. I.E. appentices at the which.

N. A. Coloman

La Energy Of I.M.

Examined and found to be correct.

J. B. Moillon , Luitenant & & M. Narigator. 96

96. ly 9.

96.129

63.6

68.3

Noon. 4 0 72.3

Third Rate,

7

of the United States Thip Essex Making passage from Chewport, R. J. to Darbados C. D. b.c. 996. NE. 4 0 30.42 66 66 64 69 2 22.2 23.8 4 0 30.43 66 66 64 69 8 0 30.45 66 66 64 69 4 5 27.3 0 0 30.47 66 66 64 69 31.9 3 5 6.16. 0 30.4566 66 65 69 36.2 5 0 30.46 67 66 65 69 41.0 0 30.46 67 67 65 69 46.7 5 0. 30.49 67 67 65 69 52.8 5 0 30.50 68 67 64 69 5 58.3 N 6. by 6.

5

5

1 30.51 68 66 63 70

1 30.53 68 66 63 70

5 , 30.56 67 67 64 70

69.3 Distance	rum by Log			
Course and distance	e made good since preceding noon by observations,	PE7/8 9. 661	enots. te	enths.
	Latitude by D. R.	29	° 58 ' N.	"
	Longitude by D. R.	55	° 58 ' N.	"
Position at Noon:	Latitude by observations of O	29	°59 'N.	"
	Longitude by chronometer from Forenoon Observation	ons of ②	°59 'N.	"
	(Latitude by S R Luny None)		° 14 ' N.	
Position at 8 A. M.	Latitude by D.R. funn Now Longitude by observation 0	56	° 07 '24.	"
	Latitude by S. R. June None Longitude by Blummute June Afterna of time. knots tenths per hour, setting to	2.9	° 31' N.	
Position at 8 P. M.	Longitude by Chemouster from afternow of	servatinio 5	-° 25' 91.	"
Current during the	time, knots tenths per hour, setting to	the		
Deviation of the Co	time, knots tenths per hour, setting to ompass by Azimuth O observed at 800, , ship's he	ad 9.98. 11	° 52' 94.	
Deviation of the Co	ompass by Azimuth O observed at 80,000, "	996 0	°38′6.	" Var. used 12° 15°9.
Water expended du	aring the preceding 24 hours,		450 g	
Water	during the preceding 24 hours,			u
Water remaining or	n hand fit for use at Noon,		950	u
Coal consumed dur	ing the preceding 24 hours,		tons	lbs.
Coal remaining on	hand at Noon,	101	" 875	

P. M.																	
1	4	2	76.5	96.149.	16. ly 6.	3.4	4	,	30.49	68	70	67	69	b.c.	cir.cum	7	9
2	4	3	80.8	96.129.	. 1	3.4	4		30.49							7	
.3	4	6	85.4	96.		3.4	4	1	30.49	68	71	67	69		-	7	
4	4	8	90.2			3.4	4	1	30.49	67	70	66	69		-	8	
. 5	4	Y	94.9	98. ly 9.	8.88.	4	4	1	30.48	67	69	65	68			8	-
6	4	3	99.2	9.98.	6. ly 1.	4	5		30.50							7	-
7-	4	1	3.3			4	5		30.50					,		7	
	4	0	7.3			4	5		30.53							7	-
9	3	8	10.8	96. by 9.	6.16.	4	5	1	30.52	67	67	63	68			8	-
10	3	1	13.9	. 0		3	5	1	30.5%							7	-
11	3	3	17.2	986.126.		3	4	1	30.51					,		7	
Mid.	3	0	20.2			3	4	1	30.51	67	66	62	68			J	
										-1							

Commander Touis Kingsley Patuday, January 26

, U. S. Navy, , 18957.

Ensign Qb. 9. 9.

& Lieutenaut & & M

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Medwight to 4 a. M. Jeutle to moderate breeze from N.E. Fair and pleasant. I morth sea. Bright starlight Sek the manisal sh 2.15. Pht on patent log at 1.00, reading 27.2. At end of watch on course I SE. under jet, foresil, emigle refer maintails and enight selfed topsails. Appendixes at the wheel. Geo. R.C. Switewark QU.S. Q.

From 4 to 8 a. m. blear. Gentle to moderate breeze from E. N. E. and E. ly N. at 5.30 made plani sail to royale with single reef in manisail. Come 9.96 (pc). appendice at the wheel. So Treutenant U. J. M.

Orom 8 a. M. to Merid.

Preather clear and pleasant. Morderate to gettle bezer from E. ly A. to N. E. ly E. Bourniter strady. At 9 of clock trok in the royale and came by the word. I tremp full and by remainder of water appendice at the wheel. I emperature of magazine 68: 68: forward, 68: 69: 49: 415. Whiteless of Einstein Ch. S. C. Lieutenant & S. C.

Grow Mend. to 4 P. 9n

Clear and pleasant. Gentle brezer from N. E. by E. Frening by the wind on post tack. Plain pail to toppallant each and flying jit. Epical Braid of Guiry of which P. a. Gugen I B. B. Bitto at 94, was senior member, continued to brace brad, which were think writtend by order of the Commanding Officer. Smooth sea.

Drow 4 to 8 9.90. Bleav and pleasant. Moderate breys fine E. F. to E. by N. Baconete using at 5.40 called all boards. Reef Irpealer; fulled toppgallant sails stand flying jil and took at single ref in the toppards. Primiped with belone. At each of water index jet, contest, and single reflect topsails, by the world on post treet heading I. F. Conner F. apprentices at which. Mrs. Eusign U.S.M.

From 8 P.M. to Mid.

Okodesate to gentle breeze from E. N.E. Dair and pleasant. I month sea. Bright starlight blose hauled in port tack, under jet, for topmach stargeail spanker, foreail, engle refer topeails and single refer mainsail apprentices at the wheel Gen Roeally

Examined and found to be correct.

J. B. Me ellow, Lieutenant 91, 99 Navigator.

LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Newport R. J. to Bailados, O. D.

			1		0													
			Reading		WIND.				BAROME	ETER.	TEME			State of	Forms of	Clear oths.	le Sea.	
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea	
A. M.	48	2		.00.4						,		,	,	0			~	
1	1	2	21.4	96.3/4 8.	G. NE.	2.3	3	1	30.51	66	66	62	67	b.c.	cum	9	9	
2	1	2	22.0	98.12 9.	N E. ly E.	2.3	3	1	30.50	66	65	62	67	.,	"	8		
3	1	5	Italed in	96.	NE.	2.3	2	./2	3049	66	65	61	67		cir. cum.	7		
4	,	6				2-3	2	1/2	30.48	66	65	61	67	"		6		
5	1	2			6.16.	1-2	0		30.46						stead	9	-	
6	1	3		86. ly 8.	6. by N.	1-2	0	1	30.46	65	65	61	67	4		9	-	
7	1	5		. 0	0	1-2	0	1	30.47	65	65	61	68			9		
8	,	7			NE. by 6.	1-2	0	1	30.47	68	65	61	68			9	-	
9	0	1	"		0	1	0	1	30.50	67	66	62	69			9		ı
10	1	0		96:/49.	NE.	1	0	1	30.51	67	66	62	68		cir. strai	19		
11	0	5		9 E. ly 9.	NG. ly 6.	1	0	1	30.50	67	66	62	68		cir cum	9		
Noon.	0	3		. 1		0-1	0	1	30.48	68	66	61	69		٠	9		
													1					
-				A DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN														

61.3 Distar		
Course and distance	the made good since preceding noon by observations, 96 3/4 J.	6 / knots. tenths.
	Latitude by D. R.	29 ° 09 'N " 55 ° 14' W "
	Longitude by D. R.	55 ° 14' W."
Position at Noon:	Latitude by observations of O	29 ° 08 ' N "
	Longitude by chronometer from Forenoon Observations of ②	55 °09' (%."
	(Latitude by) R from Now (Longitude by of Nowa Low) 0	29°08' N" 55°09' N" 29°16' N" 55°11' N"
Position at 8 A. M.	(Longitude by Observation O	55 0 11 ' 04."
n	Latitude by D. M. Lunn Non/ Longitude by Chanamatter from Afternoon observation etime, 5- knots tenthoper hour setting to the E. Ly F.	29 °05' N"
Position at 8 P. M.	Longitude by Chrinometer from afternoon observation	0 55 °04' OL"
Current during the	e time, 5 knots tenths per hour, setting to the & by 9.	
Deviation of the C	Compass by Azimuth © observed at 80,9%, ship's head 96 1/29	12°04' %.
Deviation of the (Compass by Azimuth O observed at 80.92, "	1 ° 30' 6. " Van used 12° 00' W.
Water expended d	uring the preceding 24 hours,	400 gallons
Water	during the preceding 24 hours,	и
Water remaining	on hand fit for use at Noon,	550 "
Coal consumed du	ring the preceding 24 hours,	tons 6 40 lbs.
Coal remaining on	hand at Noon,	10/ " 235 '

	I	T			T	T		T									
P. M.																	
1	1	0	Houled in	96. by 9.	9. E. ly E.	1	0	1	30.44	68	69	63	69	b.c.	cir. cum.	9	9
2	0	5		. 1		1	0		30.42							9	
3	0	5		\$6.	North	1	0	0	30.42	67	70	64	69			9	,
4	0	5	-		N. N. 24.	1	0	0	30.42	67	69	63	69			9	
5	1	2	-	6.96.	North	1	0	0	30.41	66	68	63	69			6	
6	1	0				1	0	0	30.41	66	67	62	69		ciretial.	8	
7	0	1				1	0	0	30.42	66	66	62	69		,	8	
8	0	5				1	0	0	30.43	66	66	63	68	*		8	
9	0	6				1-2	0	0	30.43	67	66	62	68	b.	none	10	
10	1	0				1-2	0	0	30.44	66	66	62	68		,	10	
11	1	2	.,			2	0	0	30.44	66	65	62	68		,	10	
Mid.	1	5				2	0	0	30.44	66	65	62	68			10	

under the command of

Commander Louis Kingsley Sunday, January 27

, U. S. Navy, , 1895.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Sleav. Eight to gruthe bress from E. N. E. to N. E. Quide same sail as in preceding watch bonder 9 E. Go. at 2 a. In hand in potent bog registering 22 kts apprentises at the what. Herrell Sientenant U. J. M.

Jum A to 8 a. On.

Cheather clear and pleasant. Fight air to light been from N. E. to E. by 4. Baronete steady at 60 close made earl to top gallant early except single ref in manifest Themag a court until 6.00, then full and by till end of watch.

WAWhitelsry Lieutenant M. J.M.

From 8 a. Me to Merid

Generally cloudless and pleasant balus and light and from N.E. by E. By the wind on post tack. at \$30 greature for muster and direction, and at \$940 the bommanding Officer held Dirice France at 10.20. at 11 took in speaker Involved sea, long early from the Md Dimperature of magazines, 65° 68° forward, 69° 69° aft.

Eusign Q. G.M.

Drow Meid. to 4 9.9m.

Eleav and pleasant. Eight aire from No. by E. to N. N. M. Bavonite falling.

at 350 changed course to E. F.E. at 3.30 took in main trypail at end of water under planic sail to topicallant early except spouter and enight reef in the manuall, on conse E. F.E. barely under stringgroup. Typentices at the wheel.

N. J. Coleman W. S. M.

From 4 to 8 9 9 ... Sight airs from North Fair and pleasant Involte era Dorth in topigallant scale at 5.50, the manual at 6.50 and the for topinant stayeast stayeast at yes. At end of water, on course 6.96, for standard under jet foresail and topically Confined P. Rom, In Mr. for the night in continuation of purishment. Approximes at the while.

Gear Continuation of purishment approximes at the while.

Leutenant U. J. W.

Dem & P. M. to Mid.

blear. Light aire and been from North. Conce E. F.E. (po). Under same each are in preceding water. Apprentice at the while.

Hereel

Hercell Sientenant & M. & M.

Examined and found to be correct.

J. B. Mo illow, Lintendat Q. IN Navigator.

LOG of the UNITED STATES Ship Essex Making passage from Newport R. I. to Barbados, M. D.

Third Rate,

0 30.41 66 66 62 68 0 2 0 0 30.41 66 65 62 68 0 30.41 66 65.62 68 0 30.38 66 65 62 68 30.38 66 66 63 68 0-10 0 30.38 66 66 63 68 1-2 0 0 30.39 68 66 63 68 0 30.4170 66 64 68 1-2 0 0 30.42 73 98 73 68 0 30.43 73 69 72 69 1-2 0 1 0 0 30.43 73 69 73 69 .

10

0 30.4272 68 73 70

23. 0 Dictauce men by Log.	
Course and distance made good since preceding noon by observations,	/υ 6. 30 knots. tenths.
(Latitude by D. R.	29 ° 01' N. " 54 ° 45' H "
Longitude by D. R.	54 0 45 94. "
Position at Noon: Latitude by observations of O	28 050 1. "
Longitude by chronometer from Forenoon Observations	of 0 54 0 45' %. "
(Latitude by D. R. from Now	28 ° 51' N. "
Position at 8 A.M. {Latitude by S. M. from Non/ Longitude by Obsuration 0	54 0 49 '04. "
Position at 8 P. M. {Latitude by D. M. from Norm? {Longitude by Chenesulte from afternoon observed	28°47'4."
Position at 8 P. M. Longitude by Chronouter lum alternon observe	ation 0 54 ° 31 °W. "
Current during the time, // knots tenths per hour, setting to the	Snorth.
Deviation of the Compass by Azimuth O observed at & W. M., ship's head	6.96. 11 . 34' W. Oran weed 12:00'91
Deviation of the Compass by Azimuth O observed at , , "	3°29' 6."
Water expended during the preceding 24 hours,	400 gallons.
Water during the preceding 24 hours,	и
Water remaining on hand fit for use at Noon,	150 "
Coal consumed during the preceding 24 hours,	tons 800 lbs.
Coal remaining on hand at Noon,	100 " 1675 "
	/

-																		
P. 1	M.	1	0	Hauled in	6.96	Qt. N. Qt.	2	0	0	30.40	72	77	71	70	b.c	cir.cum.	8	9
1	2	1	3		,		2	0		30.40							8	
1	3	1	8		"	Obest	2	0		30.40							8	
4		1	5			9. A.M.	2	0		30.40					. 10	"	8	
	5	1	8			,,	3	0		30.42						1	8	
	6	1	8		,,	-	3	0		30.42					-	,	8	
	7	1	8		,		3	0	0	30 42	70	71	67	69		,	9	
	8	1	8			-	3	0		30.42							9	
	9	1	3			"	1-2	0		30.43					"	cum.	9	
1	0	1	3		a		1-2	0	0	30.43	70	70	68	68	,		9	
1	1	1	0	1	,		1-2	0	0	30.43	70	70	67	68			9	
Mi	id.	1	9				1-2	0		30.44							5	
			1						1									

, U. S. Navy, , 1895.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. on Oberther clear and pleasant. Sight breye to light air from A NO to Ob. NO. Barometer felling. This under jet, for and main topeasles and forward steering a corner. Song surll from North. WBWhitestrey W. S. W.

From 4 to 8 a. M. bleav and placeant. Calme and light air and buyer from Oh N. Ch. Concer E. F. E. (Spc.) at 5.45 set topgallant sails and rysle. at 7. be started fine luder boler F, for purpose of distilling Formoll sea. RAJiodale Ros Eusign N. S. M.

From 8 a. m. to Merid.

Clear and warm. Light aire from O. A. O. Barometer steady. At 9.30 mustred at quarteer after which stating approxime for shortening and making earl: and their called all hands and dilled at chartening and making earl while no early of eacy of watch render plans earl to royale except spanker, manusal flying jet no cones 6.96. Apprentices at the while At 11.30 eached evaporator. Brouked few under both it. Distilling. Tunner gang repaired electric belle etc. in cabin. Demperature of magazine 68° 68° forward, 70° 40° aft. n. J. Col Eman

Dean Merido. to 4 9 m. Light breeze from Oh. NO4, and Ohet Fair and warm, I morth sea 3rd period instructed starbard watch of appearative in sails space lead and log; 4th period instructed starbard watch in grunny; 5th period starbard watch lead and log, bledued after water tanker Detilling with fire Pauland inder follow of Ou cour E. FE. per Houdard, under plain sail to egab except manusail, spanker jet and flying jet Hauled down jet at 100 to repair sheet. Appearance at the

Lecitewant M. S.M. Dum 4 to 8 Ph. Clear Gentle breeze from Ob. N. Ob. at 5.40 Exercised all hands reefing topsails. At each of water under foresit, enight reefed topsails and topsails and topsails with backed from under boiler & appentice at the wheel bourse 6.96 (pc). Devell Lieutenant Qu. J. M.

From 8 P. M. to Mid. Occother clear and pleasant; clouding up towards end of watch Light breeze to light air from Mr. A. Barometer viewing . This under each alme, steering a curse Rolling each; to long while from North Distilling. WBWhitelsey Leutenant W. S. M.

Examined and found to be correct.

J. B. Me iltory Tuitenant W. S. W. Navigator

Third Rate,

LOG of the United STATES Thip Essex (Making passage from Chewport R. & to Barbados, Ch. D.

				Reading	0 0	WIND.				BAROME	TER.	TEMP	PERAT	URE.	State of	Forms of	Clear kths.	e Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A	. M.	18	3 0	Hauledins	6.76	Q4. N. Q4.	1-2	0	0	30.42	69	69	68	68	b.c.	cum.	6	9
1	2	2	0			Oh. by N.	1-2	0	0	30.41	69	69	68	68	b.e.w.	"	7	4
	3	2	0			. 0	1-2	0	0	30.40	68		67	- 1		"	8	
	4	2	0			Qr. N. Qr.	1-2	0	0	30.40	69	68	67	69	,,	"	9	
	5	1	7			"	1-2	0		30.40			. 1	69	b.e.	strul	9	
	6	1	8				1-2	0		30.38			,		"	11	9	
	7	1	7				1-2	0	0	30.38	69	69	67	69	"	"	9	
	8	1	8	-			1-2	0	0	30.40	74	69	67	69	-	Econ	9	-
	9	2	0				2	0	0	30.43	- 74	78	74	69	"	"	9	
	10	,	4				2	0	0	30.45	73	78	74	69		"	5	
	11	1	0				2	0	0	30.45	72	76	72	69			4	
N	loon.	1	0			A by 6.	2	0	0	30.44	170	76	72	70	-	-	4	-
						1												-

37 7 Distance run by Log Course and distance made good since preceding noon by observations, \$\frac{9}{6} \langle \langle \frac{6}{16} \langle 28 ° 40' N. " (Latitude by D. R. Longitude by D. R. 54004'94 " Position at Noon: 28° 32' N." Latitude by observations of O 54° 02' %. Longitude by chronometer from Forenoon Observations of O 28° 34' N. Position at 8 A. M. Latitude by D. R. from None Longitude by observation 0 54° 08'94. " Position at 8 P. M. {Latitude by D. R. fam. Arm/ Longitude by Chamanulu fam. Attume Obstination O Current during the time, 8 knots tenths per Hour, setting to the P. L. & Paciettes of the Compass by Arimuth O observed at 4 P.M., ship's head & S. & 28°30'N." 53° 54' 94 " 12026 94 2 ° 32 ' 6. " Var used 12°05'91. 400 gallons. Water expended during the preceding 24 hours, 1100 " during the preceding 24 hours, distilled

850 " Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, 1 tons 800 lbs. Coal remaining on hand at Noon, 99" 1675

-	-	-	-								-	-	7	_	-	-	-
P. M.																-	
1	1	2	Heuledia	6.98.	1 by 6.	2	0	0	30.41	70	75	72	70	b.c.	cum.	3	9
2	1	2			0	2	0	0	30.40	71	75	72	70		,	4	
3	1	2	-			2	0	0	30.40	71	74	71	70			7	4
4	1	2			4.	2	0	0	30.42	71	74	71	70	-	cir. cum	4	-
5	0	8				1	0	0	30.44	71	73	70	70		etial.	6	-
6	0	3			balm.	0-1	0	0	30.45	71	71	68	70	4	ann mint	2	
7-	0	5		*	,,	0-1	0	0	30.45	71	70	68	69	0.c.	"	0	
8	0	5				0.1	0	0	30.46	71	70	68	69	"		0	
9	0	1		No steerageway	NE.	0-1	٥	0	30.49	71	70	68	69	b.c.	"	1	-
10	0	0	"	. ,	balm	0	0	0	30.49	71	70	68	69		"	2	
11	0	0			"	0	0	0	30.49	70	70	68	69		,		
Mid.	0	4		6.96.	04.904.	0-/	0	0	30.49	70	70	68	69		-	2	

, U. S. Navy,

, 1895.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M. Clear and pleasant, hay about horizon 6 once 6 96 (pc) Light airs and bruze quevally from 91 Met. Ander topsale still, me engle refer topsale and foresil. Inboth sed, Nory will. Banked fore under boiler of Detilling.

Carrie Eurign U. S. M.

From 4 to 8 W.M. Clear and pleasant. Sight airs to light broze from G. I. B. asmiter variable. Or 5 20 made equal paid to regale early manical . We end of watch under equal wall to regale, except manical on course 6. F. Distilling. Bauked first under bother & apparations what

ng Coleman

From 8 a. M. to Merid

Light brew from It NO. vering to N by E last town blear first part, cloudy last two boars. Twooth sea! Poulaud own at quarter at 9.30 and during first and seemed proofs elifted toyearly and forward early own light yards shifted light sails and crossed light yards again. Let jet, and at end of watch on conse 6.96. few Standard, under plane sail to loyale easily thyrus jet, mainsail and spacker Distilling with first backer linds board Paro, S. M. M. from enforment his magazine flood with and found them in working order. Celeared Paro, S. M. M. from enforment his term having expired Emperature of magazine 70° 40° formed, 70° 70° 41.

Demo Phried to 4 9 M.

Cloudy to chave Eight breeze from A by E. Instructed appendicies at had and bog line
from 2.30 to 3.45. Phiftile file. I under gang combanded and lubricated the willey of 4 wich from Prenate
Area 23 and 44. Orchanded capitan engine. Conser E. & E. p. appendices at the what Distilling with
banked free under body 13.

Similarly A. & A.

Own 4 to 899 ... Prather clear first how, clouding was during rest of writels. Light aire from A by E to calm. Baronete steedy. W 5.45 called all hands, took in royale and topgallant isele and one neef in the topgaile. Philted the jet and for topmast staypail. Distilling. WANTITLES

Dimes P. M. to Mid. Generally calm. Light airs from & 90 at end of write . Pro steragency from 8.30 to 11.30. Comme 6.96 (po). Fingle wells topsaile, foreail and jet. Smooth sea & 64 y durl Distilling, frew under boles to.

P.S. Tis Lale

Examined and found to be correct.

J. B. Me illow, Tuitunal O. J. M. Navigator.

LOG of the UNITED STATES Thip Essex

Third Rate,

used 12-00 W.

	. (91	las	eing	passage fr	ow Newype	mt,	C.	€¥.	to G	DA	arl	rac	los	(U. J.			
				Reading		WIND.				BAROMET	ER.	TEMP	ERAT	URE.	State of	Forms of	Hear ths.	e Sea.
Toma		Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the Se
A.	M.	7	4	Hauled in	6.46	QL \$0L	1-2	0	0	30.44	70	70	64	69	b.c.	cum.	7	9
	2	,	5	"		9.91.	1-2	0		30.45				, 1			6	0.
	3	1	5				1-2	0		30.45						. ,	6	
	4	1	5				1-2	0	0	30.46	69	69	67	68	,	,,	8	
	5	1	5				2	0		30.47		1	. /	69			9	
	6	2	0			•	2	0	0	30.48				69		stral.	8	
-	7	2	0			"	2	0	0	30.50	,		/	69			8	
	8	2	0			21.1	2	0	0	30.50		1	/	69	,	cum etial		-
	9	2	0	. ,,		West	2-3	0	0	30.53	/	,	72	70	"	-	8	4
1	10	2	0				2-3	0	0	30.56		77	/	70	"		8	1
1	11	2	0	22.0			3.4		0	30.54	/	77	73	71	"	Cir.eum.	6	-
No	on.	2	0	25.2		N.NºW.	3-4	0	0	30.52	70	77	73	70			6	-

29.0 Distr	auce run by Log.	
	e made good since preceding noon by observations, & 96./46	36 knots. tenths.
	Latitude by D. R.	28 ° 24' N."
	Longitude by D. R.	53 ° 28 ' W."
Position at Noon:	Latitude by observations of ②	28°20' N."
	Longitude by chronometer from Forenoon Observations of ②	53° 23 '91."
n :::	(Latitude by D. R. from Now	28° 23 ' Nr. "
	Latitude by D. R. Jum Nom Longitude by Observation 0	53°35'91."
Desilies et e D M	Latitude by D. B. Jum Nom/ Longitude by Chummuto Jum Aftenian Observation 0 etime, 6 knots tenths per bodur, setting to the FE 3/4 E	28° 13 'N. "
rosition at o r. m.	Longitude by Chiminute from afterion Observation o	52° 51'91"
Current during the	e time, 6 knots tenths per hour, setting to the \$\cap{\xi} \delta \sqrt{4} \xi	
Planation of the C	ompass by Azimuth O observed at & Q. W., ship's head & J&.	12° 24' %.
Deviation of the C	compass by Azimuth O observed at & Q.M., "	2-°29' & "Vav. 400 gallons.
Water expended di	uring the preceding 24 hours,	400 gallons.
Water distill	ed during the preceding 24 hours,	1134 "
Water remaining of	on hand fit for use at Noon,	1584 "
Coal consumed dur	ring the preceding 24 hours,	/ tons /650 lbs.
Coal remaining on	hand at Noon,	97 " 1755 "
		/ /

						1											
P. M.																	
1	4	4	28.5	6.96.	A. N. 24.	13	0	0	30.48	71	76	72	70	b.c.	cir. euw.	7	9
2	3	9	32.4	.,		3	0	0	30.47	71	75	71	70		,	7	
3			36.0			3	0		30.47						-	6	
4	3	2	39.2			3	0		30.47							7	
5	3		42.7		I orth	3	0		30.47						cum.	8	
6	2	8	45.5			3	0		30.48							8	-
7	4	0	49.5			3	0		30.49						Cir cum	5	
8	3	7	53.2		A. by E.	3	0		30.50							5	
9	4	3	56.7		1.18	3	0		30.53						cum.	6	
10	4	0	60.4			3	0		30.54							7	
11	3	9	64.1			3	0		30.55							6	
Mid.		1	67.7			3	0	1/2	30.55	69	68	67	69			7	-
			' '							1		1	'				

, U. S. Navy, , 1895.

Re Leutewart W. S.M.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m. Party cloudy and pleasant. Eight airs to light been from Ob. FC. to F. Bacometer riving. A130 orbitalise of manual. A1.30 bauled up les clew of foresait as it interfued with gilley. At end of watch under eingle welled topsalle jit written clew of foresait and les clev of manual on course E. F. E. Distilling with banked free under boles B. appuntion at the while. J. J. Coman Ousign W. J. M.

From 4 to 8 a. On. Light brone from I. Oh. Dair and pleasant Towarth are Between 4 30 and 5 or shook nelly one of topicals and made plain sail to ropely except flying jet and unather clear of manurally Distilling with fire banked under briles B. appendices at the wheel.

From 8 a. M. to Merid blean. Light to moderate breen from Cheel to N. N. B. Oh 9, 30 mustered at quarter. Itationed and instructed appendices at atations for tacking and wraning after which worked ship until 11 a. Mr., when Executive Officer read Jeneal Fri Bill to all hands bonce 6.96. (pc) At 10 a. Mr. ect flying jet. At end of watch under all plain sail to royale except for topmach staypail and aparker. Appendice at the wheel. Distribug with banked free under boler B. Temperature of magazine 70.70. forward, 70.70° aft. Levell D. J. M.

From Merid to 4 P. On Preather clear and pleasant, with quith brew from N. N. Baroneter steady I send clothing and emall store Gunner's gang engaged in continuing and lubricating collect of 4 Gen Genute Nos. It and 45. Philo under sail alme, steering a conce. arid at the after maggine Distilling. Walthintelley "as Luctuant a In. In.

Onom 4 to 8 P.M. Dueign W. J. M.

From 8 G.M to Mid

Partly closely pleasant. Bright starlight Gentle brew from N. N.E. Baronete riving

ON 8.30 act aparthe and for togrades staypail. At end of watch under plane sail to togradlant sails,
exceept single out in tograde and mausoil, or once E. F.E. Banked frie under boler B. Distilling.
Apprentices at the what.

The Sensen

n A Coleman

Examined and found to be correct.

J. B. Me illin, Suitenant & For Navigation

LOG of the UNITED STATES

LOG of the UNITED STATES Ship Essex Third Rate, Making passage from Newport, R. J. to Barbados, N. D.

71	000	, ,	7	issurge for	U												
			Reading	0	WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	Forms of	Clear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.	45	,		5 -0.5				./		,	,			0			8
1	3	3	71.0	6.86.	N. N. E.	3	0		30.52					b.c.	cum.	6	9
2	3	3	74.3			3	0 4	1/2	30.52	69	69	68	71	- "		6	
3	3	2,	77.5	"		3	0	1/2	30.52	69	69	68	71		"	6	
		3	80.8			3	0	1/2	30.52	69	69	68	71	,,		6	
5	1	5	83.8	96. ly 6.1/2 6.	N 6. by N.	3	0		30.52					,,		7	
6	3	2	87.0	8.98.	1.16.	3	0		30.52					"		6	,
7		0	90.0			3	0		30.53						,	6	
8	4	0	94.0			3.4	0	1/2	30.56	73	70	67	71	-		6	
9	4	0	98.0	96. 6 6/2 6.	16. ly N.	3-4	0	1/2	30.58	71	70	67	72	4		5	
10	3	7	1.7	96. h 6/46.	. /	3-4	0	1/2	30.58	71	70	68	72			3	
11	1	6	2.7	96. 6.		3-4	0	1/2	30.58	71	70	67	72			7	
Noon	. 2	7	5.4	96. ly 6/26.		3-4	0	1/2	30.56	71	71	67	72			8	-
		1		1							1	1					

82.8 Distance run by Log

Course and distance made good since preceding noon by observations, 6.96 /26

Latitude by D. R.

Longitude by D. R. Position at Noon: Latitude by observations of O

Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. Latitude by D. R. from Now Longitude by observation O

Position at 8 P. M. {Latitude by S. R. from Norm
Longitude by Chemmatic from affiscency observation of Current during the time, 3 knots tenths per hour, setting to the East Position of the Compass by Arimuth O observed at 4 AM, ship's head 6.76.

Deviation of the Compass by Azimuth O observed at 4 OM, " ".

Water expended during the preceding 24 hours,

Water distilled during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

90 k	nots.	tenths.						
27	° 53 ° 54	'N.	"					
51	0 54	'94.	"					
27	° 53	'N.	"					
51	° 53	·W.	"					

27° 58' N. 52° 03' 94."

27° 42' N. " 51° 24' N. "

12° 29' 24

3 ° 14 ' 6. " Var. used 12° 50' 94 4 06 gallons.

1279 2463

/ tons 480 lbs.

96" 1275

1		-					7		-	1		T		-		T		T
1	P. M.																	
	1	3	3	8.7	9. 6. 6, 6 1/2 6.	NE. by A.	3	0	1	30.55	71	72	68	72	b.c.	cir.cum.	8	9
	2	3		11.6	6.96.	1.18	3	0		30.53							8	
	3	3	0	14.0		"	2-3	0	1	30.52	72	73	68	72			8	
	4	3	0	16.4	•		2-3	0		30.52							8	-
	5	3	3	19.7			3	0		30.50							6	
	6	3	4	23.1	•	10	3	0	1	30.50							6	
	7	3	2	26.3				0		30.50							7	
				29.0				0	1	30.52	,	,					8	
	9	3	5	32.5			3	0	1	30.52		/		'	1300		8	
				35.6		-	3	0		30.51	1	/		,	August in	**	8	
+				37.6			3	0	1	30.51		,					7	
	Mid.	2	6	40.2	•		3	0	1/2	30.51	69	69	66	70		•	8	

, U. S. Navy, , 1895.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Sentle being from N. N.E. Fair and pleasant Throoth sea. On concert 6.86 per Standard, under for topman stangeral, jet aparker forward simple neight manual and toppallant saile, and engle reefed topsalls. Distilling with fire banked under boiler B. apparation at the wheel.

From 4 to 8 a.m.

Clear Gentle to moderate been from NE. by N. and N. NE. At 4 50 about refer only of topicals. At 9, 30 act royals and flying filt. Some E. F.E. pc. At end of watch under plain sail to royals with single ruf in manusail. Distilling using biles B. Appartices at the whele

Greatenant Q. S. Gr.

From 8 a.M. to Merid

(Reather clear and pleasant; Inding up during middle but clearing up towards end of watch. Sentle to moderate been from 45. by 4. Baronter steady at 9.30 muched was at quature then exercised at sail drill, refring topsails until 110 clock. This index sail alone, evering a conversable 8.30, after which full and by Distilling Osenpurature of magazine 70.70: forward, 70.70: aft.

W. B. Whitelsty Sientenant ON. J. W.

From Merid. to 4 P.m.

Clear and pleasant Gentle & NEW breyer. Comer & F.E. (pc), fich how by the wind; no change in earl. Instructed apprentices in braining lead rand compact. Grunning gang muhanted and lubicated voller of 4 ° k. 3 month # 4. Townsh eea N Ey will Dictilling.

Patrisdale. Rueign W. S. M.

Dum + to 8 9.9n.

Clear and placent. Sentle breen him N. N.E. Baronete about strady. At 5.45 called all hands reef topeals took single reef in topicale and fueld route. At each of watch under plane each to topicalle with each enigh reef in topicale and maniscil, on conce E. J.E. appendices at wheel. Distilling with banked free under boter 13.

Dum 8 P. M. to Onid.

Simily 6.40 in Sunte brew few N. A.E. Pair and pleasant Moon set at 10.20 Smooth sea. I vol in apparter at 9.45 M end of which on come 6.76 per Standard, under jet fore togenest staypail, foreset engle metals manually with free banked under looks 13° apparation at the while

Sepproved,

Examined and bound to be buildingsled bounds It SON.

Examined and bound to be building.

J. B. Me ilter, Decitenant W. J. Navigator

